CHEMIST and DRUGGIST OCTOBER 17, 1942

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3271 CXXXVIII OCTOBER 17, 1942 Annual Subscription (with Diary) 25/-. Single Copies 9d.

INTERESTING EVENTS IN PHARMACY No. 16

JAMES CLERK MAXWELL

SCOTTISH SCIENTIST, 1831—1879

His name stands over the portal of classical physics, and we can say this of him: by his birth Maxwell belongs to Edinburgh, by his personality he belongs to Cambridge, by his worth he belongs to the whole world *(Max Planck)*

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, LONDON, E.6

RED DIAMOND BRAND

realise that the mathematical determination of the nature of Saturn's Rings may seem unrelated to the progress of pharmacy but that it is no apparent paradox

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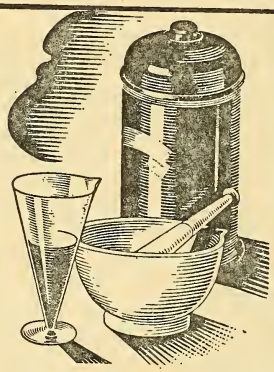
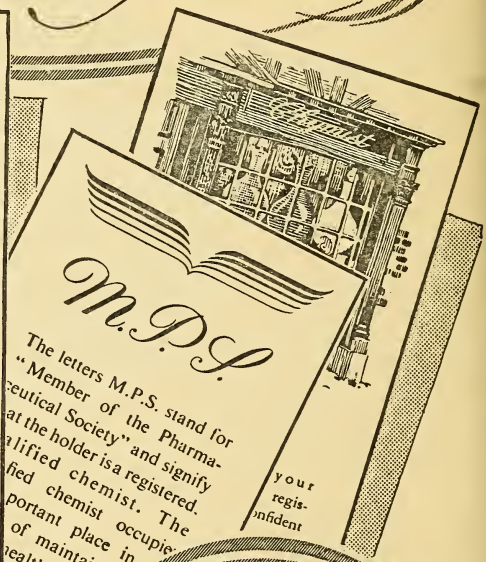
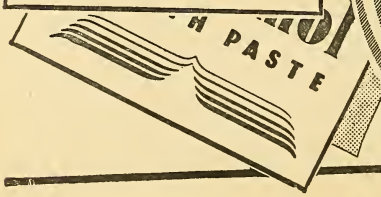
EUTHYMOL and the Pharmacist



Chemists perform a vital National service. They comprise a highly important part of the machinery for maintaining the nation's health: the medical profession unhesitatingly relies upon them to dispense prescriptions accurately. They are authorities on toilet preparations as well as drugs, and their opinion is always worth attention. For over forty years they have been recommending

Euthymol
TOOTH PASTE





Advertisements such as these are now appearing in well-known periodicals. In view of the Memorandum to the Beveridge Committee, they should be helpful in stimulating a wider appreciation of the services that pharmacists are rendering to the community

Parke, Davis & Co
50 Bank St. W.1.

Milton' Bulletin No. 8

MILTON DENTURE POWDER NOVEMBER—FEBRUARY RATION PERIOD

SEND YOUR ORDER BEFORE NOVEMBER 1st

o Circulars. The paper regulations forbid the issue of circulars relating to the sale of goods. Will chemists therefore regard this bulletin as a final notification of the arrangements for rationing supplies of Milton Denture Powder during the third four-month period, from November 1942 to February 1943 inclusive.

uantities Available. Chemists purchasing £5 bonus parcels of 'Milton' products may order 5 dozen 1/3d. size and 1, 2, or 3 dozen 2/2d. size. Those purchasing bonus parcels may order 2½ dozen 1/3d. size and 1 dozen 2/2d. size. These parcels carry the usual window display allowance and are sent carriage paid. Chemists ordering Milton Antiseptic required for the winter trade must remember that their orders containing Milton Denture Powder may not be despatched till December or January. They should, therefore, order Milton Antiseptic and other products for immediate delivery separately.

nture Powder Parcel. For those chemists whose present stocks of Milton Antiseptic are adequate or who are ordering supplies for immediate delivery a Milton Denture Powder Bonus Parcel consisting of 2½ dozen 1/3d. size and 1½ dozen 2/2d. size is available for delivery during the November–February period, carriage paid, and with the usual window display allowance for a £2 parcel.

w to Order. Send your Mixed Bonus order including Milton Denture Powder or a Bonus Order for Milton Denture Powder only as soon as possible, and in any case *before November* 1. Mark it "M.D.P. Ration." These orders will be delivered in rotation from November to January as supplies become available. Orders for Mixed Bonus Parcels, not containing Milton Denture Powder, for immediate delivery, should *not* be marked "M.D.P. Ration."

ilton' Sizes Available. Antiseptic, 8d. and 1/11½d. Denture Powder, 1/3d. and 2/2d. Ointment, 1/1½d. Dental Cream, 1/2d.

THE LAST OF THE SHOWCARDS

The production of showcards is now forbidden. We have sufficient stocks to supply each chemist ordering with two striking 'Milton' bottle reproductions for window use now that 'Milton' should not be shown in windows owing to the absence of cartons. Milton Denture Powder showcards are also available in limited quantities. Write "showcards required" on your order to secure them and keep them carefully as they cannot be replaced.

lton Antiseptic Ltd., Chapel Lane, Sands, High Wycombe, Bucks

A

Patience please

Ribena Blackcurrant Syrup now seems to be scarcer—just when chemists expected it to be more plentiful. The fact is that our output is already twice what it was three months ago. But demand has increased by much more than twice ; hence the impression of scarcity.

Ribena requires a certain minimum time to mature to that high standard of quality on which we insist, even in war conditions. In a few weeks our output will have reached new high records. There may still not be enough Ribena for all, but the increased releases will be *very substantial.* In the meantime may we crave your indulgence ?

Ribena is sold only through qualified chemists, as a medical line and for children. It is a rich source of Vitamin C (approximately twice the amount in fresh orange juice).

Please order from your usual wholesaler.

Ribena
BLACKCURRANT SYRUP

Carters are also officially appointed manufacturers of

NATIONAL ROSE HIP SYRUP

H. W. Carter & Co., Ltd., The Old Refinery, Bristol, 2

Established over 100 years.

EVANS

FINE CHEMICAL WORKS

EVANS SONS LESCHER & WEBB LTD.

E.T.31

B

THE high standard of advertising which characterises Rendells Products is in keeping with their excellence of manufacture. The pharmacist who displays Rendells Products increases prestige and turnover alike. Keep ample stocks of Nurse Drew's Booklet, "Hygiene for Women," which thousands of women are demanding daily.

Rendells

PRODUCTS

FOR FEMININE HYGIENE

W. J. RENDELL LTD. HARDWICK HOUSE 161-5 ROSEBERY AVENUE LONDON E.C.1

FOR INSOMNIA

(A Safe, Soluble Hypnotic)

MEDINAL owes its undoubted advantage to ready solubility in water; hence it is easily absorbed and speedily excreted. Thus its effect is prompt, and elimination is complete. Sleep comes easily and the patient awakes fresh and alert. MEDINAL acts solely on the central nervous system and does not affect the cardiovascular, renal, alimentary or respiratory systems. It can therefore be safely used either orally or rectally for insomnia from *any* cause.

MEDINAL

Soluble Barbitone

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185-190, HIGH HOLBORN, LONDON, W.C.1

ASSOCIATED COMPANIES: *British Schering Research Laboratories Ltd., Alderley Edge, Cheshire. British Schering Manufacturing Laboratories Ltd., Pendleton, Lancs.*

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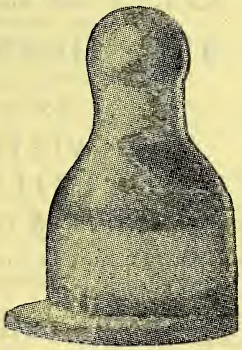
The "MODERN" TEAT

ANTI-COLIC. RECOMMENDED BY HOSPITALS, DOCTORS AND NURSES

Ball Top, one-hole perforation, ensuring constant and steady flow.

Buffer shoulder protects baby's mouth.

Tab enables teat to be slipped over bottle in an instant with minimum handling.



- General Resiliency MAKES IT NECESSARY FOR BABY TO WORK JAWS THEREBY RESEMBLING THE NATURAL NIPPLE.
- Collar ensures firm grip on bottle which CANNOT BE PULLED OFF BY BABY.
- Will stand Repeated STERILISATION.

MODERN in design and must be TRIED to be appreciated.

NEAREST TO NATURAL FEEDING

"MODERN" Teat has been specifically designed to meet the needs of both MOTHER and BABY, and—what is of vital importance in these days—it LASTS LONGER. It is hygienic, odourless and tasteless.

OBTAINABLE OF ALL WHOLESALERS

HE CANNON RUBBER MANUFACTURERS LTD., LONDON, N.17

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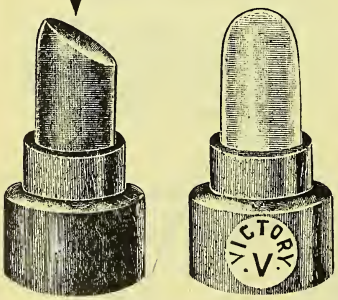

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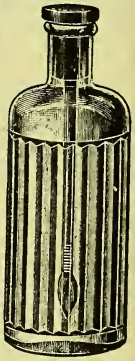
@ 8/9, 10/- & 11/- doz.

Both kinds are mounted in Polished Elmwood Cases.



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OUR IODINE APPLICATION BOTTLE WITH ITS "EESIGRIP" I. R. CORK AND "HOLLOPEG" QUALITY BRUSH IS AVAILABLE IN @ ½ 4/6 1 4/9 2 5/3 per doz.

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PLEASE RETURN ALL EMPTY

VENO'S · ENO'S & THERMOGENE CARDBOARD RAILWAY CONTAINERS

Owing to the shortage of cardboard railway containers we have been compelled to make the return of these

A CONDITION OF SALE

We have introduced the following system so that the containers can be returned with the minimum trouble to you and ourselves, and feel sure we can count upon your co-operation in this important matter.

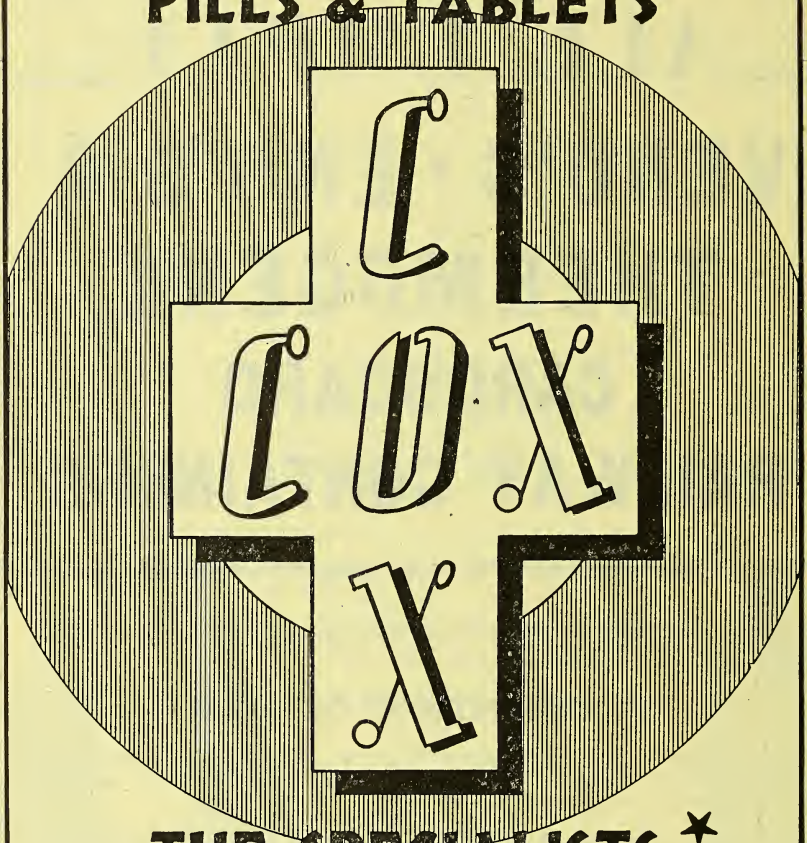
1. All cardboard railway containers to be carefully folded flat and securely tied together with string. (No paper wrapping needed.) Where necessary, container flaps should be tucked in to keep size of parcel within postal regulations, and smaller containers always packed inside the larger ones.
2. For return of containers, please use the addressed labels you receive with the invoices.
3. Cost of postage must be entered in the space provided on the Postal Receipt portion of the label, which also must be date-stamped by the Post Office.
4. The postage paid will be refunded on surrender of this receipt to our representative when he calls. This receipt cannot be accepted for direct credit and must not be deducted from your account.

To facilitate quick refund of postage, Macleans' representatives also are authorized to make payments against Postal Receipts, but "*Veno*" *containers must be returned to* **Manchester** *and* "*Macleans*" *containers always to* **Brentford.**

VENO DRUG CO. LTD., Manufacturing Chemists, Manchester 16

The NAME that stands for PERFECTION in

★ **PILLS & TABLETS**



THE SPECIALISTS ★

with OVER A CENTURY of
RESEARCH and EXPERIENCE

ARTHUR H. COX & CO. LTD.

MANUFACTURING CHEMISTS, BRIGHTON

IMPORTANT ANNOUNCEMENT

Under a recent Government Order it is no longer possible for us to send regular advices of the position of supplies to our customers, and Petrol restrictions prevent our remaining representatives from calling on the majority of our regular customers.

Face Powder

Marina (Silk-Screened) Face Powder. Delicately perfumed and made from the finest ingredients, Marina Face Powder stands in a class alone. One size only, approximately 1 oz., retailing at 2/11, including Purchase Tax.

Trade price: 16/- per dozen plus Purchase Tax.

Shades Rachel Light, Rachel Dark, Natural; Peach and Ochre. Order now to save disappointment. Delivery about five weeks, and is not restricted by quota.

Scrubb's Solid Fuel

No odour—No fumes! Your customers will like it!! Needed in every home for Raid Shelters, emergencies, also ideal for hotplates, coffee percolators and conas curling irons, primus stoves, etc. Just the thing to save fuel!

Packed in boxes each containing 1 dozen tablets.

Retailing at 1/– per box.

Trade price, 8/– per dozen boxes.

Delivery approximately six weeks.

ole Distributors:

CHEMICAL & NATURAL PRODUCTS LTD.

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BIOLOGICAL MBL PREPARATIONS

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY IDENTICAL WITH THAT OF PRE-WAR PREPARATIONS

because of our heavy purchases immediately before war broke out. Our stocks are still considerable and the high MBL standard will be fully maintained.

THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

		Retail Price	CHEMISTS' PRICE					
			Per unit			Per dozen		
		(Inclusive of Tax)	Net	+	Purchase Tax	Net	+	Purchase Tax
ANTIPEOL								
OINTMENT	4 oz. tube	6/8½	4/2½	+	8½	50/5	+	8/5
	40 gr. ,,	3/4½	2/1½	+	4½	25/3	+	4/3
	20 gr. ,,	1/10½	1/2	+	2½	14/–	+	2/4
LIQUID	40 c.c. bottle	3/4½	2/1½	+	4½	25/3	+	4/3
OPHTHALMO-ANTIPEOL								
20 gr. Nozzled tube		3/4½	2/1½	+	4½	25/3	+	4/3
RHINO-ANTIPEOL								
20 gr. Nozzled tube		2/9½	1/9	+	3½	21/–	+	3/6
ENTEROFAGOS (ORAL AND INJECTABLE)								
Box of 50 ampoules		19/–	13/3½		None	159/7		None
,, 10 ,,		4/3	3/–		None	35/8		None
,, 5 ,,		2/6	1/9		None	21/–		None
DETENSYL								
Tin of 500 tablets		39/–	24/–	+	4/–	288/–	+	48/–
Tube of 50 ,,		4/5½	2/8½	+	5½	32/4	+	5/5
ST. JAMES' BALM								
Tin of approx. 2½ ozs.		2/10	1/11	+	4	22/6	+	3/9
,, ,, 1 oz.		1/5	11	+	2	11/3	+	1/1
Tube		1/2	9	+	2	9/–	+	1/6

Carriage paid on all orders of 1 dozen or £1 and over.
Terms: NETT, monthly account.

MEDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25

IT PAYS TO DISPLAY

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(MIDLOTHIAN OAT FOOD)

Thousands of women all over the country are seeing and reading the M.O.F. advertisements which appear regularly in all these magazines:

WOMAN'S ILLUSTRATED ★ WOMAN'S OWN
WOMAN ★ MY HOME ★ NURSERY WORLD
WOMAN'S FRIEND ★ WOMAN'S JOURNAL
WOMAN'S WEEKLY ★ NURSING MIRROR
WOMAN & HOME ★ WOMAN'S PICTORIAL
WOMAN'S WORLD & HOME COMPANION
EVERYWOMAN ★ WOMAN'S COMPANION

The total circulation is 2,804,517 copies per issue.

THIS ADVERTISING MUST CREATE DEMAND, SO KEEP M.O.F. ON DISPLAY

M.O.F. is processed from the finest Scottish Groats and is recommended for—
Expectant and Nursing Mothers
Weaning Infants and Invalids

A DOCTOR SAYS:

"At all times a well-balanced diet is essential for good health; it is of supreme importance to the well-being of the expectant mother, and M.O.F. incorporates all that modern research has taught in regard to her special requirements."

Signed . . . M.D., F.R.C.S.E.

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Retail Price 1/9 per 1-lb. tin

'DIMPLES'

FEEDING BOTTLE

8 OZ. SIZE

'DINKIE'

FEEDING BOTTLE

4 OZ. SIZE

COMPLETE WITH TEAT AND VALVE

PRICE 7/- PER DOZ.

GROSS LOTS 6/9 PER DOZ.

Plus Purchase Tax $\frac{1}{6}$th.

Standard Packages of 3 doz. Gross Lots Carriage Paid

Attractive Showcard in Colours sent on request with orders for 6 dozen.

JAMES MACDONALD
Dawson Street, Greengate
SALFORD, 3

THE "MATER" CLINICAL REGD.

The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

PERKEN, SON & CO. LTD.

(ESTABLISHED 1852)

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Lennard's Face Powder, all shades available. Lennard's Talcum Powder.

COSMETIC COLOURS

Face Powder Colours. Specially ground and sifted to simplify the manufacture of Face Powder. All Shades available.

Also Cosmetic Colours for colouring LIPSTICKS, Oil, Spirit or Water Preparations.

LIQUID STOCKING COLOURS. Specially ground and sifted.

LENNARD'S EMULSIFIER "D" Oil. Beeswax. Lennard's Emulsifier "D" Water and an Alkali make a first-class White Hair Cream.

GUM TRAGACANTH AND GUM KARAYA. Various qualities.

COMPOUND PERFUME. OIL, WATER AND SPIRIT SOLUBLE. Superior quality available at low prices. Samples now available.

PERFUMERY LABELS AND SEALS. New price list and full selection of Labels now available. Smart Designs.

COMPOSITION CORKS. With Black or White Tops. Plain Corks in all sizes.

WHITE BEESWAX. WAXES. PRECIPITATED CHALK. ZINC OXIDE. ZINC STEARATE. MAGNESIUM CARBONATE. MAGNESIUM STEARATE. KAOLIN. ·880 LIQUID AMMONIA. WHITE DISTILLED STEARINE. SOFT PARAFFIN WAX, YELLOW. SPECIALLY TREATED SODA FOR BATH SALTS. MINERAL OIL.

TERMS: Cash only. Any size order accepted

LENNARD, LEE-NARVILL & CO.

Emergency Address: Lee-Narvill Laboratories. 140 Coltman St., HULL

NATIONAL ECONOMY

The man with defective feet, who stands and walks incorrectly, wears his shoes out twice as fast as the normal-footed man. At the present time, the wastage of shoe-leather this causes, is enormous. The nation cannot afford it.

We, at Scholls, are trying to rouse the public up to the need for greater foot-care. And we are succeeding. National advertising is bringing thousands of new customers to Scholl Depots for expert advice. Specialised advertisements in the *Medical World*, *The Times* and *Punch* are not only interesting doctors in Scholl Foot Aids and Appliances, but bringing the subject of foot treatment more into the limelight than it has ever been before.

Every enterprising chemist should note this new trend—and take immediate steps to make foot-comfort work a feature of his business. There's far more in it for you than just selling Scholl Foot Aids over the counter. Equipped with the necessary knowledge—you can do a splendid trade in renewals and replacements of Scholl Appliances. And you will be helping the war effort—profiting yourself, as well as giving most welcome service to the medical profession.

Write to us and let us tell you about the scheme—with special reference to the individual needs of your business.

Scholl Manufacturing Co. Ltd. 182-204 St. John St. London, E.C.1

No Shortage of Supplies!

GYNOMIN

REGD. TRADE MARK

The question of contraceptives is probably one of the most difficult that you may be called upon to answer. You can recommend only a preparation which has been tried and tested and found absolutely reliable by the Medical Profession for the past 25 years. You can with confidence recommend Gynomin.

Ethical Literature available on request.

COATES & COOPER LTD
NORTHWOOD · MIDDLESEX · ENGLAND

OUR PUBLICITY WILL BRING NEW CUSTOMERS TO YOUR PHARMACY

RETAILS AT 3/6 PER TUBE OF 12 TABLETS

LABELS

Specialists in the Design & Printing of Medical & Toilet Labels — Send for Free Sample Ranges

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SURGICAL DRESSINGS & SANITARY TOWELS

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EXTENSIVE STOCKS :: PROMPT SERVICE

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TABLETS & PILLS

Richard Daniel & Son Ltd. Derby

SINCE 1860

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INFUSIONS · OINTMENTS · SUPPOSITORIES.
PRORIETARY AND OWN FORMULA PILLS AND TABLETS

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TELEPHONE: DERBY 4266/7/8 TELEGRAMS: DANIA DERBY

THE P.A.T.A.

The war-time work of the P.A.T.A., although little publicised, has been of material benefit to members of the Retail Section and to manufacturers and wholesalers. In matters relating to Purchase Tax, the Limitation of Supplies Orders and the Prices of Goods Act (the P.A.T.A. List is recognised as a list of "Permitted Prices"), and in other directions, the Association has rendered, and is rendering, valuable service to the trade.

THE PROPRIETARY ARTICLES TRADE ASSOCIATION
3 Gordon Square, London, W.C.1
and 4 The Embankment, Bedford

CHEMISTS CONFECTIONS

ZONING POSTPONED

In the meantime supplies are obtainable from the original suppliers against Points transfer forms, but subject to a proportionate share of the goods available for distribution

Simpkins

regular customers please post the latter according to normal purchases, to

PHARMACEUTICAL LABORATORIES
HUNTER ROAD SHEFFIELD, 6

GLANOID

MEDICINAL PRODUCTS OF ANIMAL ORIGIN

—o—

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GLANOID CALF'S FOOT JELLY
GLANOID BEEF JUICE

A FULL RANGE OF GLANDULAR PRODUCTS PREPARED FROM *FRESH* WARM GLANDS SUPPLIED IN AMPOULES, TABLETS, LIQUIDS AND CAPSULES

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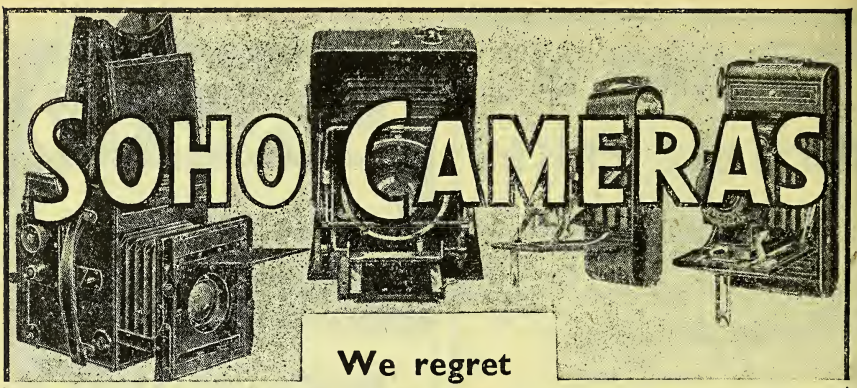

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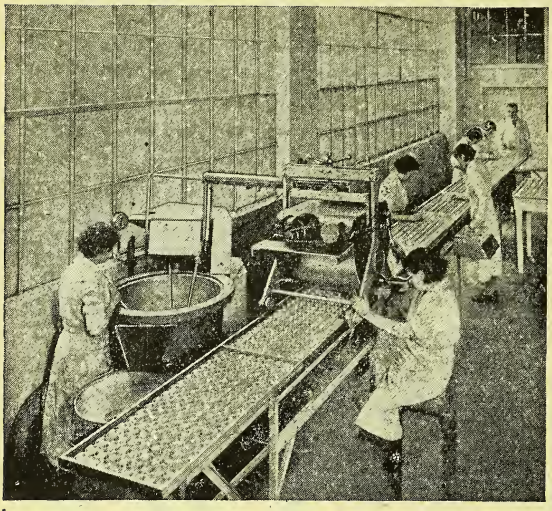

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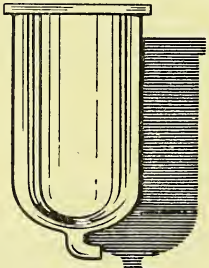

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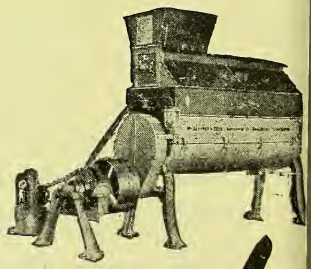

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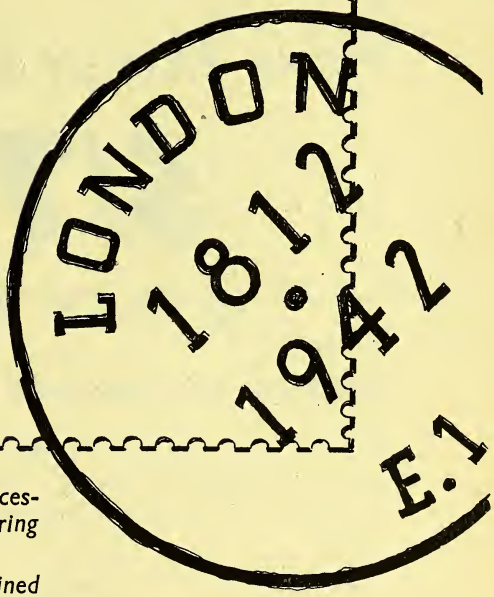

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NEWS OF THE WEEK

Milk Powder Control Modified.—A new er issued by the Minister of Food (S. R.)., 1942, No. 2060) extends to skim roller the provisions of the Milk Powder ximum) Prices Order, 1941, and gives ximum prices for this commodity. The inal Order is also made to apply to ons as well as tins.

iquid Milk Order.—An Order dated ober 6 (S. R. & O., 1942, No. 2073) adds id milk to the schedule of goods the nufacture or prepacking of which is not ject to the licensing and control exercised the Manufacture and Prepacked Food ntrol) Order, 1942.

ensus of Pharmaceutical Staffs.—The ister of Health has issued as S.R. & O., 2, No. 2067, the Pharmacy Undertakings er, dated September 25. This provides :—

Any person carrying on an under- ng to which this Order applies shall, if uested to do so by or on behalf of the tral Pharmaceutical War Committee, n time to time, at such intervals or on such occasions as may be specified in the request, furnish to the said Committee such returns and information relating to the undertaking as they may reasonably require for the purpose of ascertaining—

(*a*) the persons, being pharmacists, dispensers, pharmacy students or women drug hands, from time to time engaged or employed in the undertaking, and

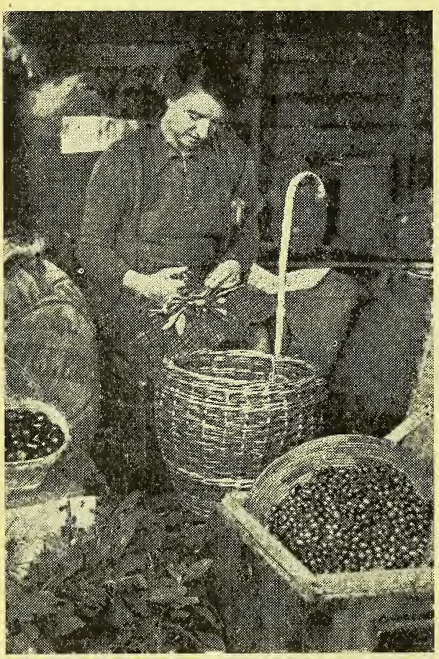
(*b*) whether the best use in the national interest is being made of the services of the pharmacists, dispensers, pharmacy students and women drug hands engaged or employed in such undertakings.

2. The undertakings to which this Order applies are: (*a*) Retail pharmacy undertakings; (*b*) manufacturing and wholesale undertakings employing pharmacists, dispensers or pharmacy students; and (*c*) hospitals.

3. In this Order: "the Central Pharmaceutical War Committee" means the committee so named appointed by the Council of the Pharmaceutical Society of Great Britain; "pharmacist" means a pharmaceutical chemist or a chemist and

druggist; "dispenser" means a person regularly engaged in dispensing medicines; "pharmacy student" means a person registered as an apprentice or student in accordance with section 5 of the Pharmacy Act, 1852; "woman drug hand" means a woman regularly engaged in a retail pharmacy undertaking in the handling of drugs and medical or surgical appliances; and "hospital" has the same meaning as in Regulation 32 of the Defence (General) Regulations, 1939.

County Herb Representative.—In view of the importance of the medicinal herb cultivation in West Sussex, the agricultural



HERB DRYING IN SUSSEX.—Mrs. D. M. Garrett, newly appointed herb representative to the West Sussex Agricultural Subcommittee, in her drying shed.

subcommittee has appointed Mrs. D. M. Garrett, Tripp Hill, Sussex, as herb representative. Mrs. Garrett hopes to have herb drying sheds established in every village in the county by next spring. One of her tasks will be to give lectures, and she will visit schools and youth centres. Mrs. Garrett has practical experience. She converted a wooden shed in her back garden, into a herb-drying depôt, and has already dispatched more than 3 cwt. of dried herbs t manufacturers. She is at present collectin and drying rose hips and horse chestnuts.

Standard for Pituitary Posterior Lobe.—A memorandum on the Second Interna tional Standard for Pituitary Posterior Lob Preparations has been supplied by th National Institute for Medical Research Hampstead, to licensed manufacturers together with samples of the new standar preparation.

Rubber Gloves Census.—Retailers ar being asked to give details of their stock of household rubber gloves to the Board c Trade, and a form for the purpose is obtair able from the wholesaler or manufacture who supplied the gloves; the form shoul be completed and returned to supplie without delay.

Eire Talk on Vocational Organisation.—In continuation of the series of talks o Vocational Organisation in Pharmacy bein conducted at 23 Merrion Square, Dublir under the auspices of the St. John Leonar (Pharmacy) Social Guild, a paper on th subject was read recently by Mr. William C Cunningham, M.P.S.I. Discussion followec

Small Factories to be Licensed.—A ne Order extends to industrial premises of a sizes the restriction on changing the us to which they are put; a former Orde covered large premises only. The ne Order is the Location of Industry (Restric tion) Order (S. R. & O. 1942, No. 2072 and it came into force on October 1 For a period of twenty-eight days whil the existing general licence remains i force goods may be stored in such premise without the new licence.

Chemists Meet Confectioners.—At a meet ing of Blackburn Retail Confectioner Association on October 7, the secretar reported that the officials of the loca Chemists' Association had been in touc with him concerning a statement tha Blackburn confectioners objected to che mists selling sweets. The pharmacists no suggested a joint meeting to decide o common action in reserving to chemist the sale of medicated sweets. The actio involves a decision to cease retailin ordinary boiled or similar sweets. Th confectioners' secretary described this a "a happy way out of a difficult problem. The fact was that there was too muc encroachment on trades in these days, an whilst confectioners had a legitimate grous about chemists selling boiled and othe sweets, pharmacists could well complai

f confectioners selling powders, ointments, nd other drugs and proprietary lines. No ate has been fixed for the joint meeting, nd the matter was left in the hands of the ommittee.

Surgical Aid to Russia.—In a letter to e Press, recently, Mrs. Winston Churchill rife of the Premier) gave details of e supplies sent to Russia through the ency of the Red Cross and St. John "Aid Russia" Fund, of which she is sponsor. ne medical and surgical supplies sent cluded: 530,000 blankets; 50,000 first-l pouches; 2 tons chloroform, 2 tons her; 10,000 kilos sulphanilamide; 50,000 os chloramine; 150,000 dissecting for-ps; 77,000 hypodermic syringes; 200,000 npoules strophanthin; 50,000 kilos lano-; 15,000 kilos sodium bromide; 180,000 ulpels; 60,000 pairs surgical scissors; ,000 sterilisers; 324,000 pairs surgical ves; 63,000 hot-water bottles; 54,000 urniquets; and 523,000 yards rubber eting. The following articles ordered ll be shipped during the next few months: o portable x-ray sets; 30 tons blood-nsfusion tubing; 30 tons cocoa butter; o tons medical glucose; 200 sets portable infectant apparatus; 550 large hospital ts; 800,000 yards tarpaulin; 400–500 s essential drugs.

Early Closing Association Centenary.—October 12 the Early Closing Association npleted one hundred years' pioneer work ameliorating the working conditions of se engaged in distributive trades. ebration of the centenary has been erred until the cessation of hostilities, en a complete history of the Association's k is projected. This record of the ociation's achievements will no doubt r to the part of the Association in ieving by voluntary agreements the urday half-holiday; the mid-week half-iday; earlier closing of shops by agree-nt and by local orders; recreation lities for shop assistants; seats for p assistants; Sunday closing, etc. These untary arrangements have since been de permanent by statutory measures, last few years having witnessed, ongst other improvements, compulsory y closing, the permanent Summer Time , and the Shops (Sunday Trading triction) Act. The present president, Winston Churchill (the Premier) was rumental in removing the unsatisfactory untary arrangements, and placing on the tute Book the compulsory weekly -holiday, the Association states.

Control of Face and Dusting Powders.—The Board of Trade reminds manufacturers that, under the Limitation of Supplies (Toilet Preparations) (No. 4) Order (S. R. & O., 1942, No. 1512), face and toilet dusting powders, although freed from the quantity restrictions that apply to the other controlled toilet preparations, are subject to all the other requirements affecting controlled toilet preparations. In particular, no unregistered persons may supply face and toilet dusting powders of their own manufacture to persons buying for the purpose of re-sale; no person may supply, otherwise than direct to the public, face or toilet dusting powders which he has re-packed, except under the authority of a Board of Trade special packer's licence, for which application should be made to the Board of Trade, I.M. 4 Department, Millbank, London, S.W.1; the rule that the name and address of the manufacturer (or in the case of packed goods not of the packer's own manufacture, that of the packer or actual manufacturer) must appear on the label, applies to face and toilet dusting powders as much as to any other controlled toilet preparation. Freedom from quantitative control does not apply to rouge, rouge powder, or compacts.

COMING EVENTS

Sunday, October 18

ASSOCIATION OF SCIENTIFIC WORKERS, Royal Hotel, Cardiff, at 10 a.m. and 2.15 p.m. Conference on "Science for Victory."

Tuesday, October 20

WEST MIDDLESEX CHEMISTS' ASSOCIATION AND BRANCHES OF THE PHARMACEUTICAL SOCIETY AND NATIONAL PHARMACEUTICAL UNION, Oak Room, Palladium Cinema, Ealing Broadway, London, W.5, at 7.30 p.m. Mr. F. W. Adams on "The Report of the Committee of Inquiry and its Post-war Applications."

Wednesday, October 21

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Dr. W. P. Kennedy on "Some of the Newer Vitamins."

Thursday, October 22

WEST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS AND BRANCH, 43 West Ham Lane, Stratford, at 3 p.m. Mr. W. S. Howells on "War-time Difficulties in Pharmacy."

TOPICAL REFLECTIONS

Canadian Code of Ethics

The Canadian code of ethics (p. 375) will be read on this side of the Atlantic with friendly attention. It will be noticed that whereas the Hippocratic oath comprises in an English translation about 300 words (and its Christian version is even shorter), our Canadian *confrères*, with the expansiveness characteristic of a young nation, have formulated a comparable document extending to 700 words or more. It might be an instructive exercise to remodel the new code in a form limited to about 350 words, and to take the opportunity of scrutinising some of the phrases which, falling easily from the pen of a ready writer, have an archaic flavour. While there is, for instance, no harm in retaining the traditional "art and mystery," it has a smack of the Middle Ages; and "beyond the peradventure of a doubt," is on the verge of tautology. I need hardly add that much that is helpful will be found in this "act of faith"—a phrase here used in a literal, not an historical, sense. Loyalty to, and active support of, the pharmaceutical associations, "under whose ægis" the signatory is practising is a virtue imperfectly exemplified in this country: I trust that Canada may be more fortunate in its experience. When the Council of the Pharmaceutical Society of Great Britain issued a double-barrelled "statement upon matters of professional conduct" and code of ethics in April 1939, a brief comment on it was made in this section; and I do not propose to return to that subject now. I may point out, however, that the British code included an exhortation to participate in the election of representatives of the Society's Council: at the election held during the following month only 10,700 voting papers were returned out of 25,422 issued, and nearly 100 of those received were invalid for one reason or another.

Late Hours

The Canada of this ethical pronouncement is, as will be seen from the survey summarised on p. 361, a country where late hours are usual in the practice of pharmacy. Disregarding the figures for Saturdays, the returns for which appear to be incomplete, 134 shops out of 440 (30·5 per cent.) are open till 10 p.m., 122 (27·7 per cent.) till 9 p.m., and 93 (21·1 per cent.) till 8 p.m., making a total percentage for these classes of 79·3. It would seem that at the date of the survey lighting and heating in the Dominion had not become the serious problems they are in the United Kingdom. This apart, I suggest that in any country where such hours of closing prevail the matter may be worth consideration by some responsible body. One fact lends weight to this view, namely, that the health of assistants and apprentices needs to be taken into account. Limited hours of work (and, it may be added, regular meal-times) are of importance in adolescence. A good or a bad start in this respect may affect a whole career for good or ill.

Analysis and Advertising

Your illustrated article on the Beecham centenary (pp. 366–71) is of particular interest to those who remember the days when the firm was coming to the front as one of the principal advertisers of British proprietary medicines. The table-books and "oracles" then popular with the young are, I suppose, still produced, though possibly they are in abeyance under the present paper control; their circulation must have run into millions. (In this connexion I remember being told, some years ago, by a director of a leading manufacturing house of an order for 75,000,000 labels or cartons, I forget which, then just placed by his company.) Your reproductions of old handbills issued by the originator of the famous pills bring back to memory the type of appeal favoured in his day: we used to read the lines in large print first, and then go back to the beginning to find out what the connecting links were. An old lady once remarked to me that she blamed herself for spending so much time over mere advertisements, but found they were so well worded that she had to read to the end. Has the discriminating munificence of Sir Joseph Beecham been put on record in a permanent form? If so, it must have made an attractive story. In music, with the powerful aid of his brilliant son Sir Thomas, a man of genius, he did invaluable work, and musical history in the reign of Edward the Seventh owes much to him. On reading your article I turned up the description in your issue of May 30, 1936, to which you refer. It opens with the words, "The manufacture of proprietary medicines of the best type rests on the twofold foundation of analytical control and advertising." That is, no doubt, largely the secret of the success you have fittingly chronicled.

Xrayser

TONIC WINE TEST CASE

JUDGMENT was given by Mr. Justice Atkinson in the King's Bench Division on October 14 in a test action brought by two shareholders of Stephen Smith & Co., Ltd., Bow, proprietors of Hall's wine, to decide whether Hall's wine is "a substance recommended as a medicine." The plaintiffs were Messrs. John Cyril Nairne and Noel Spencer Nairne, and the defendants were Stephen Smith & Co., Ltd., and the Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C.1.

Judgment for Plaintiffs

The Judge found in favour of the plaintiffs, and made a declaration that Hall's wine consists of or comprises a substance recommended as a medicine. He granted an injunction restraining the company from selling the wine unless there is written on the container or label the appropriate designation and quantitative particulars of the constituents or ingredients of the wine, and said that the injunction would be stayed for twenty-eight days or, if an appeal was entered within that time, until the appeal had been heard. The judge added that he thought it desirable that the hearing of the appeal should be expedited.

The Questions at Issue

Mr. Justice Atkinson remarked that the Pharmaceutical Society was joined as a defendant because it was its duty under the Pharmacy and Medicines Act, 1933, to enforce the provision. The plaintiffs alleged that Hall's wine was within the Act, and the Pharmaceutical Society presented the same view. The company contended that their wine was outside the Act. The two questions which arose in the action were whether Hall's wine was recommended in terms calculated to lead to its use for the treatment of any ailment, and, if they were so calculated, whether there was a definite indication that the wine was intended to be used as a drink and not as a medicine. His Lordship had been told that 3 per cent. of the people who sold Hall's wine were wine agents or grocers and only 7 per cent. were chemists, and 88 per cent. of the wine sold was sold by grocers and wine agents and only 12 per cent. by chemists who held an Excise licence. The Judge added that he could not persuade himself that a tonic was not, generally speaking, a medicine. He thought that the terms in which Hall's wine was recommended were calculated to lead to its use for the treatment of certain ailments. Hall's wine was advertised as "the leading tonic beverage for giving new life in all run-down conditions," and his Lordship thought that a run-down condition was obviously an ailment.

In Place of Tonic

Dealing with the point whether Hall's wine was intended to be used as a drink and not as a medicine, the Judge said that there was no suggestion that it was to be drunk at the times or for the purposes for which people usually drank. It was not to be taken in place of any other drink but in place of the tonic which, but for Hall's wine, one would or ought to be taking. This invitation was to use this tonic or this medicine instead of another medicine or tonic. Supposing the advertisement had contained the words "take three tablespoonfuls" instead of "a wineglassful," could the point be argued? His Lordship was driven to the conclusion that there was no definite indication that Hall's wine was intended to be used as a drink and not as a medicine. The wine was not really intended to be used as a drink, but was intended to be used as a tonic when one felt one needed it, and in place of some other tonic.

COMMERCIAL NOTES

Chilian Iodine Production.—Production of iodine in Chile during 1940–41 totalled 1,432,145 kilos, against 970,379 kilos in the previous year.

American Production of Agar.—A chemical company at San Diego, California, is understood to have commenced production of agar. The maximum price for agar produced by this plant has been established at $3 per lb., f.o.b. San Diego.

U.S.A. Citronella Imports.—The value of citronella oil imported into the United States in 1940 was estimated at $700,000. Over two-thirds of the oil imported was received from the Dutch East Indies, the remainder from Ceylon and Guatemala.

Tanganyika Import Restrictions.—A list of goods for which no further licences to import into Tanganyika territory will be granted includes aerated, mineral and table waters, methylated spirits, perfumed spirits, photographic cameras, excluding spare parts, and common soap.

LEGAL REPORTS

Limitation of Supplies Prosecution.—At Bolton, on October 2, John Hulme, Astley Street, was committed for trial (see *C. & D.*, October 3, p. 339).

Illegal Operation.—At the Old Bailey, London, recently, Bernard Fogelman, M.P.S., Ritherdon Road, S.W., pleaded guilty to counselling and procuring Mrs. Edith A. Gould to commit an illegal operation. He was sentenced to two years' imprisonment.

Misleading Label.—At Southend, recently, summonses against Boots Cash Chemists (Southern), Ltd., and Thames Chemical, Ltd., were disposed of after an adjournment of several weeks. Boots, Ltd., were summoned for selling at their Hamlet Court Road branch, to a Corporation inspector, goods bearing a label calculated to mislead. Messrs. Boots summoned Thames Chemical, Ltd., seeking to show that any contravention was due to their act.

At the previous hearing, Mr. R. A. Shorter, prosecuting, said the public analyst failed to find any citric acid, the natural acid of oranges, or any reducing sugars, in the samples of "Oranjeast." He contended that the use of the word "orange" and the reproduction on the label of a picture of an orange was misleading.

The Bench, on that occasion, after hearing evidence in the case against Messrs. Boots, found there had been a contravention. Mr. A. S. Diamond, counsel for Thames Chemical, Ltd., pointed out that, owing to the procedure by which the summonses had been heard separately, he had had no opportunity of cross-examining the public analyst and of calling evidence refuting his analysis.

When the hearing was resumed, Mr. Monier Williams, counsel for Messrs. Boots, suggested there was only one way in which the difficulty could be satisfactorily resolved, and that was by starting afresh and hearing the summonses together.

The chairman said the Bench were not prepared to hear the case *de novo*.

Mr. Williams contended he had proved that Messrs. Boots had used all due diligence and were entitled to an acquittal.

The chairman said they had decided to convict in both cases. They found Messrs. Boots had not exercised due diligence, and imposed a fine £20. The same penalty would be imposed in the case of Thames Chemical, Ltd.

Actions for Damages Appeal.—Judgmer was given by the Court of Appeal on Octobe 9 in an appeal from a decision of Mr. Justic Tucker concerning a chemist's business a 707 Finchley Road, London (see *C. & D* November 1, 1941, p. 132). Mr. Mose Fagot, M.P.S., had sued Mr. John Victc Gaches, M.P.S., claiming damages an specific performance of an alleged agre ment to sell the business to him.

Lord Justice Mackinnon said that h agreed with Mr. Justice Tucker that th existence of a concluded contract betwee the parties had not been establishe Though both parties thought that the had made a contract, his lordship wa satisfied that they had agreed only o some terms and that the rest of th terms had never got beyond the stage c negotiation.

Lord Justice Goddard also thought tha there was not a completed contract for th sale of the business and the assignment c the lease of the premises. He said tha having been allowed to go into possessio the plaintiff showed himself to be a graspin and shifty negotiator. It had been cor tended that he was entitled to damages fc assault and eviction because notice was nc given to him to leave the premises. It wa clear that he was allowed to go into posse sion pending completion, and, where a intending purchaser was let into possessio pending completion of a purchase, th proper inference, in the absence of stron evidence to the contrary, was that he occu pied as a tenant-at-will. A landlord wa entitled to determine such a tenanc summarily, and the tenant could not clai a right to remain in possession. When th plaintiff refused to quit after the defendar had terminated the tenancy-at-will, th defendant was entitled to eject him, as h did, and it was not found that he used an more force than was necessary. The clai for damages for assault and wrongfu eviction therefore failed.

Lord Justice du Parcq, who agreed tha the parties never came to a conclude agreement, said that when Mr. Fagot wa given notice to leave the premises it wa his duty to depart. He refused to leav and his Lordship agreed that in the circum stances Mr. Fagot could properly be treate as a trespasser.

The Court subsequently dismissed bot Mr. Fagot's appeal and a cross-appeal b Mr. Gaches.

INSURANCE ACT DISPENSING

Portsmouth.—The number of pharmacists on the Insurance Committee's lists has decreased to seventy-seven from ninety-nine at the beginning of the war. The expiry of deferment of a further dozen men was announced at a recent meeting of the Committee, and Mr. Ruoff said that a serious position would arise when the next batch of pharmacists, those between thirty and forty years of age, was called upon. It was agreed that a report on the call-up of chemists should be considered at the next meeting of the Committee.

Oldham.—The Insurance Committee has decided, in the event of a shortage of chemists, to consider part-time service in shops. The local co-operative society reported having only eight managers for nine shops. The position was made the subject of a query by the Committee to the Ministry of Health, who replied that "in view of the difficulties chemists were experiencing on account of the calls on the staffs, it would appear to be a matter of serious consideration whether part-time service ought to be allowed, where the sufficiency of the public service would thereby be maintained." The local Pharmaceutical Committee has expressed agreement with the Ministry's suggestion.

Middlesex.—The average costs of ingredients per 1,000 prescriptions in May in the area of the Insurance Committee amounted to £26 and in June to £27, 5 per cent. over the 1940 and 39 per cent. over the 1939 figures, but below those for 1941. The difference was attributed to the introduction of the National War Formulary. The average dispensing fees per 1,000 prescriptions in May amounted to £18 15s. 2d., and in June to £21 16s. 1d., the former figure representing an increase of 3·35 per cent. over that of 1941 and the latter 21·16 per cent. The normal closing hour of chemists under contract with the Committee has been fixed at 6 p.m. from October 1, 1942, to March 31, 1943, subject to the provision of an adequate pharmaceutical service throughout the county until 7 p.m.

London.—At the meeting of the Pharmaceutical Committee, on September 15, Messrs. C. A. Noble (*Chairman*), J. Milner (*Vice-chairman*) and G. A. Tocher (*Secretary*), and the various subcommittees were unanimously reappointed. Reports on the checking of prescriptions for February and March were considered, and it was noted that a high degree of accuracy in pricing was being maintained. The secretary submitted particulars relating to the efficiency and adequacy of the pharmaceutical service; and information about the work of the County Pharmaceutical War Committee. Statistical data for the first six months of 1942 showed decreases of 2·84 per cent. (84,768) in the number of prescriptions dispensed by London chemists, 14·19 per cent. (229,654) in the number of insured persons; and 5·66 per cent. in the cost of ingredients, from the corresponding 1941 figures.

COMPANY NEWS

LAIDLAW, GREEN & CO., LTD. (P.C.).—Capital £100. Wholesale and retail chemists and druggists, etc. First directors to be appointed. R.O.: 25-26 Hanover Square, London, W.1.

GARLIC DEODORISED ANTISEPTICS, LTD. (P.C.).—Capital £1,000. Herbalists, botanists, chemical, drug, and disinfectant manufacturers, etc. Philip L. and Gladys G. H. Millwood, directors. R.O.: Lodore, Boxhill Road, Tadworth, Surrey.

T. J. WHITE & CO., LTD. (P.C.).—Registered in Dublin. Capital £2,000. Objects: Chemists, druggists, drysalters, manufacturers of and dealers in medicinal and chemical preparations, etc. Mrs. Annie White, Market Street, Cootehill, co. Cavan, governing director.

STOREY & HALE, LTD. (P.C.).—Capital £3,500. To acquire the business of mineral water manufacturers carried on as the Heath Products Co. at Nailsea, Somerset, by Leonard W. V. Storey and Walter J. Hale. Messrs. Storey and Hale, permanent directors. R.O.: 13 Langdale Road, Fishponds, Bristol.

WATFORD CHEMICAL CO., LTD.—Mr. Leslie B. Singleton, Ph.C., has been appointed a director. Mr. Singleton was formerly on the staff of THE CHEMIST AND DRUGGIST.

Paper to Beat Submarine Menace.—The Minister of Information (Mr. Brendan Bracken), in opening a paper-saving exhibition in the Savoy Hotel, London, W.C.2, recently, said: "Anyone who tells you that the submarine menace can be easily solved is an irrational optimist. Shipping is the primary problem of the United Nations, and our fortune at sea varies from day to day. There are hard times ahead at sea."

TRADE NOTES

Mustard Prices Advanced.—On another page are given details of advances in retail prices of Colman's mustard, prepared by J. & J. Colman, Ltd., Carrow Works, Norwich.

Family Size Again.—Macleans, Ltd., Great West Road, Brentford, Middlesex, announce that Maclean brand stomach powder is again available in the family-size pack. Wholesalers have small supplies.

Price Increase.—Pure Products, Ltd., Colwick, Nottingham, announce that, owing to advances in the cost of raw materials, prices for Derbac soap have been advanced. Details are given elsewhere in this issue.

Range of Sizes Reduced.—To comply with the Control of Packaging Order, 1942, Reckitt & Sons (Pharmaceutical Dept., Hull) have withdrawn the 8-oz., 32-oz., and 80-oz. sizes of Dettol. Production will be confined to the 4-oz. and 16-oz. sizes for the public and to the 1-gall. and 5-gall. sizes for hospital use.

Output Doubled.—Despite an apparent scarcity, due to unprecedented demands, H. W. Carter & Co., Ltd., The Old Refinery, Bristol, 2, point out that the output of Ribena blackcurrent syrup has been doubled during the last three months. When stocks now made have matured, substantial releases will be made.

Wrong Prices in Advertisement.—As many chemists are sending in cheques for wrong amounts, Hough, Hoseason & Co., Ltd., Holland Street, Pendleton, Manchester, point out that errors appeared in the table of prices given for Huffs throat tablets in their advertisement in the *C. & D.*, October 3, p. 23. The prices inclusive of purchase tax are, for 1- to 3-doz. lots, 11s. 1d.; for 6-doz. lots, 9s. 11d. doz.; and for 1-gross lots, 9s. 4d. doz.

Agents Appointed.—Scott & Bowne, Ltd., Wexham Springs, Stoke Poges, Slough, Bucks, have been appointed sole distributors for Complaxa, a general laxative introduced by Clinical Products, Ltd., 2 The Green, Surrey. Deliveries of Complaxa under this arrangement will commence during October, and extensive advertising for the product will be launched during November.

Zoning Postponed.—The postponement is announced of the scheme for "zoning" the distribution of chemists' confections. In the meantime, supplies are obtainable from the original suppliers against points transfer-forms, subject to proportionate reduction if goods are not available for full distribution. Regular customers of A. L. Simpkin & Co., Ltd., are asked to post orders, according to normal purchases, to the Pharmaceutical Laboratories, Hunter Road, Sheffield, 6.

Bonus Goods Dropped.—National advertising for Musterole is to commence during the first week in November, and the suppliers, Thos. Christy & Co., Ltd., Old Swan House, Castle Street, Farnham, Surrey, ask customers to order stocks without delay. At the same time they point out that, by careful planning, they have maintained the regular bonuses for nearly three years of war, until recently they have become compelled to withdraw them owing to shortage of supplies. For the present bonus terms are still available, as detailed on another page, for Per-de-co., Anti-bi-San, and Cal-ma-vite.

PASCALL ENGINEERING CO., LTD., have removed to Monitor Works, 114 Lisson Grove, Marylebone, London, N.W.1. Telephones: Paddington 7236–37.

RATHKAMP & Co., East Indies chemical merchants, announce that they closed their office at 250 West 57th Street, New York, N. Y., on August 27, until conditions enable them to resume trade with the Netherlands East Indies. Mr. Henri Logcher has accepted a position with the Essential Goods Division, War Supplies Procurement Section, Commonwealth of Australia, Washington, D.C.

Proprietary Articles Trade Association

Alterations to Protected List.—*Alfred Fennings* (Agents, *John Sanger & Sons, Ltd.*). Little Healers (or Lung Healers) (twelve 6d. boxes), 46s. 6d., tax 7s. 9d. doz., inclusive retail price 6s., £6 worth assorted, cash with order, 43s. This size was formerly packed in ten 6d. screws.

Eli Lilly & Co., Ltd. Betalin S brand synthetic vitamin B_1, ampoules Nos. 305, 317, 321; tablets Nos. 1594, 1599, and 1604. Details of revised prices on application.

Milton Antiseptic, Ltd. Prices in Eire: Milton denture powder 7½d., 5s. 7½d. doz.; 1s. 3d., 11s. 3d. doz.; 2s., 18s. doz.

Roche Products, Ltd. Saridone tablets, 50's, 4s., 32s. doz., tax 5s. 4d. doz., i.r.p. 4s. 5½d.; 200's, 11s., 88s. doz., tax 14s. 8d. doz., i.r.p. 12s. 3d. Sedobrol tablets, 100's, 14s., 112s. doz., tax 18s. 8d. doz., i.r.p. 15s. 7d. Navigan tablets, 100's, 10s., 80s. doz., tax 13s. 4d. doz., i.r.p. 11s. 1½d.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

After the summer vacation the Council of the Pharmaceutical Society assembled at Derby on October 6 and 7 for the transaction of business. Mr. W. S. Howells (president) was in the chair, and other members present were Mr. F. G. Wells (vice-president), Mrs. J. K. Irvine, Sir Malcolm Delevingne, Professor W. J. Dilling, Messrs. J. T. Appleton, C. Davis, W. Deacon, J. H. Franklin, H. M. Hirst, J. Jack, G. R. Knox Mawer, J. F. McNeal, A. R. Melhuish, L. M. Parry, P. F. Rowsell, H. C. Shaw, H. Skinner, F. C. Wilson and J. C. Young, with the secretary and registrar (Mr. H. N. Linstead, M.P.).

Tuesday's Session

Among the items of business transacted were the following:—

Parliamentary Committee

A proposal submitted by the Parliamentary Fund Committee to the constituent organisations of that body that it should be replaced by a new body called the Pharmaceutical Parliamentary Committee was approved, together with the draft constitution of the new body.

Central Pharmaceutical War Committee

Mr. J. Gilmour, of Manchester, was appointed a member of this Committee.

Resolution Received

A resolution deprecating the action of Council in cancelling the Council election and Branch Representatives' meeting and demanding the resumption of these activities was received from the West Ham Branch.

Wednesday's Proceedings

Obituary

The President made sympathetic reference to the deaths of Mr. E. R. Withell, a former student and demonstrator in pharmaceutics in the Society's college, and Mr. T. M. Ridley, a member of the Board of Examiners for England and Wales for many years.

The Registers

The Registrar reported that during the past two months 133 persons had been registered as apprentices or students. The names of twenty-nine persons removed last year and 104 removed this year were restored to the Register, as were also the entries in respect of forty-nine premises.

Election of Annuitants

Having received a memorandum on the election of annuitants, the Benevolent Fund Committee had instructed the secretary to inquire into the present circumstances of thirty beneficiaries who were considered suitable for election as annuitants. Mr. McNeal (chairman of the Committee) pointed out that a person who became an annuitant had greater security than a beneficiary, and the proposal would save the Committee a lot of work. It was intended to apply particularly to cases in which there was no prospect of any material change in the circumstances of the recipients. In reply to questions, he stated that the fund had approximately £80,000 invested, the interest from which would be exceeded if there were thirty additional annuitants, although the amount paid to them would be practically the same as now. —Mr. Appleton suggested that an annuity was a contractual obligation, but The Secretary disagreed, adding that although there was always an element of risk it was largely provided for by the fact that power could be obtained to use invested capital.—The action of the Committee was confirmed after it had been stated that the whole of the thirty beneficiaries in question were over seventy years of age.—Referring to the refusal by the Committee of a request from the Leeds and District Branch that branches should be consulted in regard to applications for assistance from the Fund, Mr. McNeal said they felt they could not share their power and responsibility.—Mr. Rowsell considered the point was met by the fact that someone in the locality who knew the position of an applicant was invited, if necessary, to make investigation. —Mr. Wilson maintained that there could be no reasonable objection to a branch having an opportunity to comment on a decision. There could be no better person to consult than a branch secretary.—The minute was approved.—On the recommendation of the Finance Committee instructions were given that £2,187 on the donation account of the fund should be invested in 4 per cent. Funding stock.

War Aid Fund

Special contributions to this fund during August and September were reported to have amounted to £172 5s. 3d. Grants in the months of July, August and September amounted to £115. MR. DEACON invited branches to bear in mind the interests of the Fund.

Education

On the Education Committee's reporting that it had agreed to the Society undertaking the certification of women pharmacy students, MR. MCNEAL asked for an explanation. THE SECRETARY replied that such students were to be reserved till they qualified and the question was "When is a woman a pharmacy student?" The Ministry of Health had asked the Society to issue a certificate, for their use and that of the Ministry of Labour, that a woman was a pharmacy student. It would only be given if the woman were serving an apprenticeship or attending a school approved by the Society.—It also appeared from the minutes that a further course of instruction for foreign pharmacists was being arranged by the Dean of the Society's College and that a similar course was to be held at Chelsea Polytechnic. MR. ROWSELL, chairman of the Committee, said the courses were extremely useful, but whether they would be justified by the numbers attending remained to be seen (*see* p. 401).

Professional Conduct

It was resolved that the Organisation Committee should undertake a revision of the Statement upon Matters of Professional Conduct, with a view of bringing it up to date. MR. DAVIS reminded the Council that new legislation necessitated this, and that the task would occupy some time and should be put in hand as early as possible.

Demonstrators

Arising out of a report by the Dean of the College, the following were appointed as demonstrators: Miss J. Carlisle, B.Pharm. (London), Ph.C.; Miss M. Neal, B.Pharm. (London); Mr. A. H. Beckett, Ph.C.; and Miss D. James, B.Pharm. (Wales). They take the places of Messrs. Oakley, Senior, Hindle and Askam, who had resigned and to whom letters of thanks for their services and good wishes for their future were directed to be sent.

Council Prizes

Six candidates entered the Council prizes competition for 1942, and the awards were: *Pereira Medal*, Arnold Heyworth Beckett, Knott-End-on-Sea, Lancs; *Society's Silver Medal*, Harry Smith, Northampton.

Foreign Pharmacists

A new by-law governing the registration of foreign pharmacists was read for the first time (*see* p. 401 and *C. & D.*, September 5, p. 242). In answer to questions, THE SECRETARY stated that it did not relate to pharmacists from Southern Ireland, and that it would cover men eligible for military service under their own Governments, the machinery for the calling up of whom was similar to that applicable to Britons.

Public Services Committee

Reports were given upon the present position of the negotiations with the appropriate authorities affecting pharmacy in the Forces, including the promotion of pharmacists in the R.A.M.C.; the recognition of pharmacy in the R.A.M.C. and in the R.A.F.; the status of women V.A.D. pharmacists; the granting of non-medical commissions in the R.A.M.C.; and the employment of pharmacists on R.N. hospital ships. It was reported that the Medical Personnel (Priority) Committee had been informed of the substantial economy in medical man-power in the Forces that could be obtained by the wider employment of pharmacists upon pharmaceutical and other non-medical duties now performed by medical men.

It was reported that a reply had been received from the War Office to the effect that the British Pharmacopœia was supplied to each military hospital and it was agreed that the inadequate provision of books of reference in military hospitals should be borne in mind in dealing with the general question of pharmacy in the R.A.M.C.

A resolution was received urging the Society to press for dispensing to be reserved to the pharmacist in retail practice in any developments of the domiciliary health services.

Law Committee

The report of the chairman of the Law Committee showed that since the date of the last meeting inspectors had visited the shops of 2,018 authorised sellers, seven listed sellers and 209 drug stores, and that the agents had made 868 visits to drug stores and similar traders during this period. Twenty-one cases of alleged infringement of the Pharmacy Acts were considered and

ppropriate action was taken. The Council greed to make application to the Lord resident of the Council for a direction, n accordance with the provisions of Section of the Chartered and Other Bodies Temporary Provisions) Act, 1939, setting side the requirements of the by-laws so r as they require the statutory demands r retention fees and registration of remises fees to be transmitted by registered post.

harmaceutical War Committee

THE SECRETARY submitted notes on rtain matters dealt with by the Central harmaceutical War Committee since the st meeting of the Council. From these appeared that District Committees had en asked to reconsider the cases of pharacists under twenty-five years of age the day they registered for military rvice, and had been given the opportunity substituting for men under twenty-five en over thirty whose deferment was due expire on October 1. In a few cases strict Committees had been able to make ch arrangements, but in general they have commended extended deferment for ose under twenty-five on the ground that ey were essential for the maintenance of e service. At present there were 126 armacists under twenty-five in retail sinesses. The Committee has agreed at in future all newly-qualified pharacists under twenty-five are to be eased for service in the Forces upon alification. The Committee have decided at they cannot support an application a woman pharmacist, dispenser, pharcy student or drug hand for exemption m undertaking part-time civil defence ties of not more than forty-eight hours four weeks under Defence Regulation BA, unless in exceptional circumstances ere it can be shown that the service l be adversely affected. Negotiations ve been in progress with the Ministry of alth and the Ministry of Labour and tional Service for the retention in pharcy of women in the 1920, 1921 and 1922 e groups who were essential for the intenance of a pharmaceutical service the area. A scheme had been devised l temporary deferment of call-up secured all these women pending consideration their cases. A Defence Regulation was out to be made giving power for the ing of a census of the staffs of pharcies, pharmaceutical departments of pitals and pharmaceutical personnel in nufacturing houses. A letter had been sent to the Minister of Health informing him that after the end of this year any further withdrawals from the staffs of retail pharmacies would entail serious risk of a break-down in the civilian pharmaceutical service. In regard to students who had passed the Chemist and Druggist Qualifying examination and desired to proceed to the Pharmaceutical Chemist qualification, the Ministry of Labour had allotted a quota of twenty-five places to be divided among schools of pharmacy in Great Britain for the session 1942–43. This quota did not apply to students going straight through to the Ph.C. qualification without taking the C. and D. The schools had forty C. and D.s provisionally booked as Ph.C. students, and it became necessary to allocate the twenty-five places among these. No similar quota would be permitted next year, when it would be necessary for Ph.C. students to avoid taking the C. and D. examination at the end of the first year of their final course.

RECENT RESEARCH

Trichlorethylene as an Anæsthetic.—A report on the use of trichlorethylene as an anæsthetic in over 1,000 cases has been made by Elam in the "Lancet" (September 12, p. 309). "No anxiety as to the patient's safety" was experienced in any of the cases, and the suggestion is made that certain fatalities among industrial workers handling trichlorethylene have been due to impurities. The compound gives a satisfactory light anæsthesia when given in conjunction with gas and oxygen. It is easy to administer and is particularly suitable for general-practitioner work. Its administration over a long period appeared to cause no shock.

Vitamin C in Parsley.—Morgan ("Nature," 1942, II, 92) finds that the vitamin C content of parsley greatly surpasses that present in watercress, often regarded as the best source of the vitamin of the salad vegetables. His studies show an average of 280 mgm. ascorbic acid per 100 gm. of parsley in nine samples, compared with the amount found in watercress by Olliver, which was 61 mgm. per 100 mgm. Morgan suggests that an easy way of taking parsley would be in sandwiches or in salad, and states that there was no loss in vitamin from keeping the parsley in water for two days. Chopping with a sharp knife reduces the vitamin content of parsley by 20 per cent.

TRADE MARKS

(*From "The Trade Marks Journal," September* 30)

"REPLITRACE"; for photographic sensitised materials (1). By Entwistle, Thorpe & Co., Ltd., 31 King Street West, Manchester, 3. 618,180.

"FREGALSAN"; for chemical products and food preservatives (1) and for pharmaceutical substances, infants' and invalids' foods (5). By Fregalin Co., Ltd., 9 Brondesbury Road, London, N.W.6. 619,096–97 (Associated).

"OBREY"; for perfumery and cosmetics (3). By L. Scherk, 47 Carlyle Mansions, London, S.W.1. 619,819.

"OMNISAN"; for dust-laying and dust-absorbing preparations (4). "HYPOSAN"; for disinfectants (5). By Voxsan, Ltd., 23 Church Street North, West Ham, London, E.15. 619,809–10.

"FLOMIC"; for pharmaceutical preparations for human nasal ailments (5). By Whitfield's (Scarborough), Ltd., 113 Westborough, Scarborough. 618,175.

"KENIES"; for medicated confectionery (5). By Charles Kent (Products), Ltd., Hellifield, Hallam Street, Guiseley, nr. Leeds. 618,825 (Associated).

"TALMENTA"; for all goods (5). By Gale & Mount, Ltd., Carlton House, Lower Regent Street, London, S.W.1. 618,989.

"ZINCAST"; for pharmaceutical preparations containing zinc compounds (5). By Parkinsons, Ltd., Curzon Street Drug Mill, Burnley, Lancs. 619,267.

"HERGAD"; for pharmaceutical preparations (5). By Herrmann Gadiel, 66 Ashford Court, Ashford Road, Willesden Green, N.W.2. 619,289.

"SANOGENE"; for surgical dressings and sanitary towels (5). By A. Carus & Sons, Ltd., Johnson Road, Hoddlesden, Darwen, Lancs. 619,423.

"ANALOVIN"; for all goods (5). By Moore Medicinal Products, Ltd., 7 Bon Accord Square, Aberdeen. 619,622.

Ring and chain device in form of cross; for medical and surgical plasters and bandaging materials (5), and for paper handkerchiefs (16). By Johnson & Johnson (Gt. Britain) Ltd., 603–04 Bath Road, Slough, Bucks. 619,760 (Associated); 619,761.

"HEMOGAR"; for pharmaceutical preparations and substances (5). By S. Heywood, 4 Barker Street, Oldham. 619,912.

"HAMARIN"; for all goods (5). By E. Griffiths Hughes, Ltd., Peru Street, Adelphi, Salford, Manchester. 619,993.

APPLICATION AMENDMENT

According to "The Trade Marks Journal," September 30, 1942, specification No. 618,711 by The Union Oxide & Chemical Co., Ltd., has been altered so as to read: "Chemical substances used in industry, science, agriculture, horticulture and forestry (other than weed killer and manufactured insecticides)."

PERSONALITIES

MR. KEITH GISBORNE, Ph.C., Nottingham, has been appointed pharmacist at the Infirmary, Bury, Lancs.

MR. MARTIN L. DANIELS (chairman, United Drug Co., Ltd., Nottingham), was on October 5 installed Worshipful Master of the Pax Magna Lodge, No. 3916. The ceremony was conducted by Wor. Bro. Bertram Edwards (managing director Splendor, Ltd.) the installing master.

DR. WILLIAM BRADLEY has taken up an appointment on the scientific staff of The British Drug Houses, Ltd. Dr. Bradley who has resigned a position on the staff of the Manchester College of Technology studied originally under Sir Robert Robinson at Manchester University. The research work he has carried out in organic chemistry includes the disclosure of the mechanism of the so-called Nierenstein reaction, the development of the theory of aromatic substitution by anionoid reagents, and the advancement of the chemistry of the anthocyanidins and of benzanthrone.

MR. G. F. GODSON, jun., M.P.S., 5 Lincoln Street, Old Basford, was initiated into Freemasonry in the Edwinstowe Lodge, No. 3998, at the Masonic Hall Nottingham, on October 9. The ceremony was performed by his father, Wor. Bro G. F. Godson, M.P.S., Pr. S.G.W., assisted by Wor. Bro. S. H. Plattin, M.P.S. P.Pr.G.W., the Junior Warden of the Lodge being his brother-in-law, Bro. C. B Marshall. Among pharmaceutical brethren present were Wor. Bros. H. A. Roberts F. W. Shepherd, J. H. Thompson, and Bros. T. R. Burrows, J. R. Ball, R. C Cakebread, J. Hampson, and C. H. Gibson

MR. GEOFFREY G. HESELTON, 1 Highfield Way, Rickmansworth (a representative of Wigglesworth, Ltd., pharmaceutical manufacturers, Westhoughton, Lancs) contributed an article "After the War is Over" to a recent issue of "On the Road" (the official organ of the United Kingdom Commercial Travellers' Association, Inc.). Mr Heselton considers that certain firms will have to pay for war-time offhandedness to customers by being boycotted when goods again flow freely. To avoid later accusations of negligence, it was advisable for employers to keep a few travellers on the road in war-time. Shortage of metal would probably release hundreds of speciality salesmen for the selling of staple commodities after the war.

Sir Henry Dale, M.A., M.D., D.Sc., LL.D., F.R.C.P., who recently retired from his position as director of the National Institute of Medical Research, has accepted for three years the directorship of the Royal Institution laboratories, with the Fullerian Professorship. Sir Henry has been president of the Royal Society since 1940. He is a member of the Scientific Advisory Committee to the War Cabinet and chairman of the Science Committee, British Council. From 1904 to 1914 he was director of the Wellcome Physiological Research Laboratories. He became a Fellow of the Royal Society in 1914, and was appointed its secretary in 1925, a position he held until 1935. In 1919 he received the C.B.E. From 1927–37 he was a member of the General Medical Council, and in 1936 shared the Nobel prize for medicine. His knighthood dates from 1932.

MARRIAGES

Hunt — Comerford. — At University Church, Dublin, recently, Lieutenant P. J. Hunt, A.S.C., Sligo, to Mary Comerford, Assistant, P.S.I., Logan Street, Thomastown, co. Kilkenny.

Macpherson—Pye.—At Runcorn, on August 15, by the Rev. D. Edwards, Cadet A./A.C. Sidney M. Macpherson, R.A.F.V.R., M.P.S., Edinburgh, to Joyce Pye, Runcorn.

MacSweeny—Barrett.—At the Church of the Immaculate Conception, Cork, Edmond MacSweeney, M.P.S.I., Geraldine, Victoria Road, Cork, to Margaret (Peggy) Barrett, Gurrane House, Wilton, Cork.

Menzies—Greenlees.—At the West Church, Duntocher, on September 26, John (Ian) Menzies, M.P.S., 82 Dumbarton Road, Duntochter, Dumbartonshire, to Agnes Greenlees.

Shearer—Willox.—At Lumsden South Church, recently, John A. B. Shearer, M.P.S., Main Street, Lumsden, Gartly, Aberdeenshire, to Margaret Willox, Lumsden.

Thom—Robinet.—At Harold's Cross Parish Church, Dublin, on September 2, William Edward Thom, Ph.C., son of Mr. R. M. Thom, M.P.S.I., The Kimmage Pharmacy, 151 Lower Kimmage Road, Dublin, to Mercy Densmere Robinet, 146 South Circular Road, Dublin.

Emerald Wedding.—Holmes—Ackroyd.—At Girlington Methodist Church, Bradford, on October 6, 1902, by the Rev. W. Woodman Treleaven, John Holmes, Ph.C., to Gertrude Ackroyd. Present address: 2 Ashgrove, Menston-in-Wharfedale, Leeds.

DEATHS

Halkyard.—Recently, Mr. George William Halkyard, M.P.S., 153 Lawsons Road, Thornton-le-Fylde, Blackpool. Mr. Halkyard passed the Minor examination in 1903.

Heggie.—At Glasgow on September 24, Mr. George Campbell Heggie (a director, Parozone Co., Ltd., Glasgow).

Miller.—At Glendavon House, Dinnet, on October 9, Mr. A. L. Miller (a director of John Miller & Co., Ltd., chemical manufacturers) aged seventy-six. Mr. Miller became associated in 1902 with the concern founded by his father as the Sandilands Chemical Works, and became chairman of directors when the firm was incorporated as a limited liability company.

Sinclair.—In London, recently, Mr. Robert Sinclair, M.P.S., 237 Dalston Lane, London, E.8, aged seventy-three. Mr. Sinclair was formerly, from 1894, in business for many years in Falkirk, where he was for some time a magistrate. For eleven years from 1909 he was a member of the local council. He went from Falkirk to Barnes in 1926, and subsequently to Dalston Lane.

Spencer.—At Burnley, recently, Mr. Kenneth Duckworth Spencer, M.P.S. Mr. Spencer qualified in 1940.

Stewart.—At a Glasgow hospital, on September 26, Mr. William Napier Stewart, M.P.S., 462 Argyle Street, Glasgow. Mr. Stewart qualified in 1897.

Sturton.—At Highgate Hospital, London, N., recently, Mr. Charles Hubert Sturton, M.P.S., 72 Mansfield Row, Gospel Oak, N.W.3, aged seventy-four.

RECENT WILLS

Mr. Edwin Thorp, Ph.C., Countisbury, Aldwick, Sussex, who died on May 24, left £13,282, with net personalty £4,391.

Mr. Oliver John Shivas, 74 Selwyn Road, Edgbaston, Birmingham, chemist and druggist, who died on February 17, left £1,221, with net personalty *nil.*

Mr. John Henry Price Bond, M.P.S., 2 Sheridan Road, Merton Park, London, S.W., who died on July 14, left £13,560 gross, with net personalty £9,461.

Mr. Arthur Oswald Impey, 22 Berriedale Avenue, Hove, Sussex, formerly of 6 Whinbush Road, Hitchin, Herts, a director of William Ransom & Son, Ltd., manufacturing chemists, who died on May 6, left £2,907, with net personalty £1,023.

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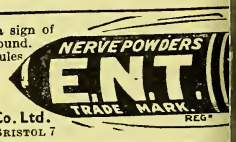

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OL. CXXXVIII OCTOBER 17, 1942 NO. 3271

he fact that goods made of raw materials n short supply owing to war conditions are dvertised in this paper or described in its ditorial columns should not be taken as an ndication that they are necessarily available or export.

Danger Women in Pharmacy

HE drug trade is faced with one of the most ifficult problems it has ever had to solve. rimarily it concerns pharmacy, but, owing o its implications, the matter concerns ther interests also. The Central Pharmaeutical Committee proposes to cancel by ecember 31, 1942, the deferments of all harmacists and dispensers up to the ilitary age of twenty-five years, and in ome cases deferment for these persons has lready been withdrawn. The Committee oints out that very serious consideration ill have to be given to recommending ubstitutes for these men. The suggestion as been made in various quarters that harmacists should engage girls on leaving chool and give them training (say three nonths') before the twenty-five-and-under nales are called up. In view of the fact that harmacists have not taken kindly to this npracticable idea it has been put forward hat schools of pharmacy and hospitals night be used as a parade ground, and that s many girls as possible should be encourged to take the Assistants' examination of he Apothecaries' Hall. The scheme would robably strongly recommend itself to the nedical profession, which has already virual control of a number of services grouped nder the heading of medical auxiliaries.

Coming to consideration of the proposals, there are certain points which stand out above all others. If a three months' training is thought sufficient for girls to be able to operate at the counter in a chemist's shop (apart, of course, from the sale of poisons), can it be held that the business of a pharmacist is the highly skilled one it is generally understood to be? Then, again, if three months' training is adequate for initiating a newcomer into the the business side of pharmacy, why has a three or four years' apprenticeship been necessary, followed by so many hours spent at a college and a stiff examination? Presumably those in favour of the scheme are classing pharmacies with those emporiums where proprietaries are just handed over the counter, whereas the fact is that such transactions are but an insignificant part of the service which the public expects—and obtains—in a chemist's shop. The problem does not, however, end there. There is a still more serious side of the matter to be faced.

After the War

There will be returning to pharmacy after the war some 7,000 qualified persons each of whom is by law entitled to return to his or her former position. The "drug women" will therefore be displaced and the question arises what is to become of them. Three possibilities present themselves: (1) The girls can set up in business for themselves and sell patents and cosmetics; (2) they can be allowed to pass a modified examination in poisons law and dispensing in order to become registered pharmacists; (3) in either case fully-trained staff will be provided for the multiple stores to continue their aggression into pharmacy. The restriction on opening new businesses may not be maintained for long after the war, though it may be continued in a somewhat modified form. The comparison between the effects of dilution in, say, engineering and pharmacy leads nowhere, as it is not feasible that a woman who has worked at a lathe can set up in business. It cannot be gainsaid that the way in which the problem is dealt with will have an important bearing on the future of pharmacy. Mrs. Irvine (a member of the Pharmaceutical Council) called attention to

the matter when addressing the National Association of Women Pharmacists at Nottingham recently (*C. & D.*, September 19, p. 285). She emphasised the danger of war-time dilution by untrained or partly-trained persons, but regarded some dilution as necessary. The whole question is one which should be fully discussed at Branch meetings without delay.

Retail Trade—An Important Statement

In reply to a question raised in Parliament on October 13, on the subject of the future of retail trade, the President of the Board of Trade said:—

"In my speech to the House on July 23 I referred to complaints from small retailers that they were not getting their fair share of supplies. I undertook to investigate these complaints and have made inquiries accordingly. The evidence is conflicting. On the one hand, small shopkeepers complain that they cannot obtain goods which they see in the windows of larger stores or multiples, or advertised in the Press. On the other hand, it is clear that many suppliers, wholesalers and manufacturers have been distributing goods to their customers fairly, some having worked out elaborate systems of rationing for this purpose. But whether or not there is serious maldistribution now there is a real danger that, as time goes on and supplies become shorter, a large number of the smaller shops may be squeezed out of business. For many reasons this would be undesirable. First, stocks of essential goods should be widely dispersed, in order to minimise the risk of air-raid damage. Secondly, many rural areas depend on small shops. If these get insufficient supplies, consumers in those areas must go short. Thirdly, to economise transport, people should shop near home and avoid as far as possible expeditions to the larger shops in neighbouring towns or districts. Finally, increasing Government demands for storage and office accommodation must be met and we must look to the larger shops to yield up substantial amounts of space.

"I have, therefore, come to the conclusion that some positive action is needed to assure to the small retailer his fair share of the available supplies. What I have in mind is that, for certain classes of goods, each small retailer should receive a percentage of his purchases in a standard year. These percentages would be fixed by the Board of Trade and would depend on the relation of supplies in the current year to those in the standard year. Arrangements would also have to be made for extra supplies for areas where, owing to movements of population and other causes, needs of consumers have increased. A scheme of this kind could be imposed by order. But I do not want to make fresh orders if I can get the same results by voluntary methods, and I believe that in this case, with the co-operation of the trade, we can get what we want with the minimum of compulsion.

"I propose to begin with clothing, pottery and hollowware—three of the most important trades—but I do not rule out the possibility of further extensions later. I intend to appoint small joint committees of retailers, wholesalers and manufacturers for each of these three trades, with independent chairmen, to advise me how best to apply a plan of this kind to their trades, and, when the plan is approved, to supervise its working. If any committee reports that a particular firm refuses to follow the approved scheme, I propose, after the inquiry, to issue directions to that firm. These proposals will promote fair distribution, both between areas and retailers. But further steps are needed. Economy in the handling of small orders can be realised through bulking them, either by arrangement between the wholesalers dealing with a particular area, or by the shopkeepers in an area combining their purchases. Such arrangements present difficulties, but my intention is to facilitate them in every way possible. We must ensure that distribution is conducted on the most economical lines, and that no unnecessary transport or labour is used to move goods from manufacturer and wholesaler to consumer.

"We must also face the fact that supplies will become even shorter as stocks run down, and that fresh calls will be made on the retail trade to provide labour for war purposes. I have been in touch with the Minister of Labour on this problem and he will be announcing shortly the new arrangements to be made. It is, I fear, inevitable that, as the war continues, the difficulties of retail traders will increase, and I have therefore had to consider what steps can be taken to assist those in trouble. I have discussed with the Lord Chancellor the Retail Trade Committee's proposal for an extension of the Liabilities (War-time Adjustment) Act. We came to the conclusion that such extension is unnecessary. So far, little use has been made of this Act—probably because traders do not understand how much help can be obtained from it. I am taking steps to remedy this. I wish to emphasise that it is not necessary to withdraw from business in order to take advantage of the Act. It helps those who stay in, as well as those who go out. I hope that traders to whom the war has brought financial difficulties will not hesitate to have recourse to this Act, which was designed precisely for the kind of circumstances in which they may find themselves. I think I have correctly interpreted the feeling, both of the House and of the retail trade, in concentrating upon proposals designed to help traders who are still in business. But I have not forgotten those who have already withdrawn or who may be forced by circumstances to withdraw in future. The first step to safeguard their interests is the establishment of a register, and this I propose to do forthwith."

Mr. Dalton's statement, which we publish in full, will be welcomed by individual

retail pharmacists, and, if the proposals outlined are duly implemented, the fears of many retailers of being squeezed out of business by the multiples should not materialise. The scheme to ration goods in relation to pre-war supplies (standard year) should eliminate the flooding of bazaars and sixpenny stores with huge stocks of patent medicines, toilet preparations, etc., and release these goods for sale through their proper channels. We are, however, doubtful whether the voluntary system of joint committees of retailers, wholesalers and manufacturers to operate this scheme of fair distribution to established traders will prove entirely satisfactory. It will, however, be noted that power is to be taken to enforce approved schemes. The President's repeated warning that "supplies will become even shorter" and that "the difficulties of retail traders will increase" are justified, but he came to the conclusion there was no need to extend the reliefs afforded to distressed traders by the Liabilities (Wartime Adjustment) Act to meet the critical times ahead. The last sentence in Mr. Dalton's speech—that he proposes to establish a register of those persons who have already withdrawn from business or who may be forced by circumstances to withdraw in the future—meets a long-standing demand, and is a significant pointer towards the licensing of all classes of business in due course.

REGISTRATION OF FOREIGN PHARMACISTS

THE following is the text of the by-law read for the first time at the recent meeting of the Council of the Pharmaceutical Society (*see* p. 393):—

(1) Where there is produced to the Council by a person (hereafter in this section referred to as the "applicant") evidence satisfactory to them that the applicant: (i) is by law entitled to carry on business as a pharmacist in a foreign country; or (ii) not being so entitled, holds or has held a diploma as a pharmacist granted in a foreign country, or has passed the examinations necessary to obtain such a diploma, then the applicant shall, on payment of a fee of four guineas and on fulfilment of the conditions hereafter in this section mentioned, be entitled to be registered as a pharmacist.

(2) The conditions referred to in the preceding provisions of this section are the following, that is to say: (i) the applicant must produce evidence satisfactory to the Council that the applicant (*a*) has been employed at a hospital in Great Britain or at registered premises for a period of, or periods equal in the aggregate to, twenty-six weeks (wholly) by way of dispensing drugs, medicines and poisons; or (*b*) has attended an approved course of instruction in dispensing drugs, medicines and poisons and in the law relating to drugs, medicines and poisons; (ii) the applicant must, by way of such examination as the Council direct, satisfy the examiners as to his knowledge of the law relating to drugs, medicines and poisons and his skill in dispensing drugs, medicines and poisons; (iii) the applicant must produce two certificates of character satisfactory to the Council, being certificates given by British subjects.

(3) For the purposes of this section, the expression "approved" means approved for the purposes thereof by the Council; the expressions "dispensing" and "the examiners" have the same meanings as in Regulation thirty-two C of the Defence (General) Regulations, 1939; the expression "hospital" means an institution which provides medical or surgical treatment for in-patients; the expression "registered premises" means premises duly registered under Part I of the Pharmacy and Poisons Act, 1933.

Evidence Required

The conditions to be satisfied and the fee to be paid are prescribed in section VIIA of the by-laws of the Society. The fee for registration is four guineas. The applicant must produce evidence satisfactory to the Council that he has been employed in Great Britain at a hospital or in premises registered under the Pharmacy Acts for a period of, or periods equal in the aggregate to, twenty-six weeks in dispensing drugs, medicines and poisons. Alternatively he must have attended an approved course of instruction in dispensing drugs, medicines and poisons and in the law relating to drugs, medicines and poisons. In either case he must, by way of such examination as the Council direct, satisfy the examiners as to his knowledge of the law relating to drugs, medicines and poisons, and his skill in dispensing drugs, medicines and poisons; and must produce two

certificates of character satisfactory to the Council, being certificates given by British subjects.

Home Office Endorsement

After an applicant has satisfied the examiners that he is acceptable for admission to the register of pharmacists the Society will notify the Aliens Department of the Home Office and if the Department decides that approval can properly be given, the Society will be notified that there is no objection to the applicant's name being placed on the register, and, in the case of applicants who are in the United Kingdom on a time or other limiting condition, the applicant's Police Registration Certificate will be endorsed in the following terms:—"The holder has permission to take employment as a pharmaceutical chemist or chemist and druggist, except as a proprietor, partner or director of such business or businesses, provided that (*a*) he shall not enter such employment until he has secured temporary registration in the Register of Pharmaceutical Chemists or the Register of Chemists and Druggists by virtue of Regulation 32C of the Defence (General) Regulations, 1939, relating to temporary registration under the Pharmacy Acts, 1852 to 1941; (*b*) he shall not enter such employment without first obtaining a permit from the Ministry of Labour and National Service; (*c*) he shall not enter into any employment falling within the Schedules to the Aliens Employment Orders of July 10, 1940, and March 18, 1941, unless he is in possession of a permit granted by the Aliens War Service Department, covering the proposed employment. Clause (*b*) will be omitted in the cases of applications from resident foreigners if approved."

Courses of Instruction

It is proposed to hold a course of instruction in dispensing drugs, medicines and poisons and the law relating to drugs, medicines and poisons at the College of the Pharmaceutical Society in Cardiff and Chelsea Polytechnic in London. The courses are designed for foreign pharmacists and will commence on Monday, November 2. Foreign pharmacists wishing to take advantage of either of these courses should apply to either the Dean, the College of the Pharmaceutical Society, at University College, Cathays Park, Cardiff, or the Head of the Pharmacy Department, Chelsea Polytechnic, Manresa Road, Chelsea, London, S.W.3.

PARLIAMENTARY NEWS

Quinine Supplies.—Asked by Sir G. Jeffreys on October 8 whether supplies of the country's quinine were adequate, and, if not, what steps were being take to replace them, Mr. Peat replied: Supplies of quinine are adequate for a considerable period. Active steps have been taken to manufacture synthetic substitutes to replace quinine in the treatment of malaria.

Army Chiropodists.—Mr. John Dugdale, who asked the Secretary of State for War on September 29 the reason for confining the appointment of Army chiropodists to the home establishment, was informed by Sir J. Grigg that in view of experience suggesting that more skilled treatment might be desirable, he was considering the attachment of fully qualified chiropodists to field medical units.

Prevalence of Dermatitis.—Mr. Rostron Duckworth asked the Minister of Health on October 8 to what extent there had been an increase of dermatitis among any special section of the population, and to what causes it was due.

Mr. E. Brown: I have no information as to an increase of dermatitis in sections of the population for whose health I am immediately responsible. If my hon. Friend has in mind occupational dermatitis in mines or in factories he should address a Question to the responsible Minister.

Scarcity of Saccharin Tablets.—Mr. Thorne asked the Parliamentary Secretary to the Ministry of Food on October 8 if he was aware of a shortage of saccharin tablets, and whether he intended taking any action in the matter.

The Parliamentary Secretary to the Ministry of Food (Mr. Mabane): I am aware that there is an unsatisfied demand for saccharin tablets, but as the raw materials are required for more essential purposes I can see no prospect in existing circumstances of increasing the present production, which is twenty-five times pre-war output.

Commander Locker-Lampson: Does this not prove that saccharin is very bad, and should not be used?

Mr. Mabane: It certainly has no food value.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

AT WAR BUT HEALTHY

THE Ministry of Health has published a summary report on the nation's health and the activities of the department during the twelve months April 1, 1941, to March 31, 1942. Something of an innovation—and a commendable one—was made by the Minister (Mr. Ernest Brown) in his speech given in presenting the report to the House of Commons recently. This was a reference to pharmacists. What he actually said was: "The health services and the public have had to manage with fewer doctors, dentists, and pharmacists and with substitutes for some of the drugs and other supplies to which they have been accustomed. Happily, the spirit of co-operation for the common good to which last year's report paid tribute has triumphed over difficulties. Normal and emergency services have been maintained at an official standard; and—most important of all—the nation's stubborn good health continues."

No Major Epidemic

During the period under review there were no major epidemics, no falling away from nutritional standards, and no increase in mental disease. At the same time, the report warns that "the strains of war are necessarily progressive in their effect, and there can be no question of relaxing vigilance." The maintained good health is declared to owe much to improvements in housing, health, and other social services made between 1919 and 1939, and to all that has been done during the same twenty years to educate the public in health matters. Signs of a changed attitude on the part of the public towards health are referred to. "As a popular topic of conversation, Mrs. Jones's operation is beginning to give place to the ways in which the Robinson family has been kept consistently well ever since the war began." The majority of the communicable diseases, e.g. scarlet fever, measles, influenza and the enteric group of fevers, showed no great variation during the year from the normal either in incidence or death-rates.

Supply of Drugs

The report refers to the many important drugs that have become scarce or unobtainable owing to enemy occupation of the sources of essential raw materials, to the need to use these materials for non-medicinal war purposes, and to difficulties of transport or exchange. The measures taken to meet the position are enumerated as the issue by the Medical Research Council's Therapeutic Requirements Committee of a memorandum on "Economy in the use of Drugs in War-time"; of a Defence Regulation empowering the Health Ministers for England, Scotland and Northern Ireland to make Orders—of which two were made—authorising chemists when making up prescriptions to substitute alternatives for certain scarce drugs; and of the National War Formulary. The importation or manufacture, and the allocation, of supplies of various drugs, oils and other materials used medicinally are controlled by the Ministries of Supply and Food, and the Board of Trade has power (which it has exercised in relation to toilet preparations) to restrict the manufacture of articles containing oils and drugs. Reference is made to the coming into force of the Pharmacy and Medicines Act, 1941, and to the increase in National Health Insurance dispensing fees by one-sixth.

Nutrition

The Ministry of Health has the duty of giving other Government Departments scientific advice on nutritional policy, and in this it is assisted by the Standing Committee on Nutritional and Medical Problems. It co-operates with the Ministry of Food to secure suitable and adequate extra nourishment for mothers and young children, and a committee of experts appointed by the Medical Research Council advises whether modified or supplementary rations are needed for invalids or persons on special diet. Although imports of citrus fruits dwindled to vanishing point, the children's supplies of this vitamin were secured by Ministerial action. (To children under six years of age, first call on such supplies of oranges as reached these shores; to children under two, free or very cheap orange juice or black-currant purée, for which two-thirds of the 1941 crop of black-currants in Great Britain was bought up by the Government; 600,000 bottles of national rose-hip syrup, prepared at the instance of the Ministry, placed on sale in chemists' shops.) To provide vitamins A and D, cod liver oil was available free or cheap for children under five. "To those whose concern it is now to safeguard the well-being of the country in the future, the past year has furnished plentiful evidence of a widening conception of social service."

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE seventeenth annual meeting of the Pharmaceutical Society of Northern Ireland was held on October 5, Mr. H. F. Moore (vice-president) in the chair. There was a large attendance of members. Messrs. J. McGregor, W. C. Tate, G. M. Shaw, J. R. Guiler, J. Donaghy, R. Small, James Irwin, J. A. McRoberts, H. H. Cowzer, James Macauley, Charles Abernethy, Hugh Crossin, James McClenahan, Dr. Acheson, Percy R. W. Shinner, Norman Hogg, Fred Storey, W. A. Boyd, James McDowell, and J. T. Nicholl were present. Mr. D. L. Kirkpatrick (secretary) was in attendance.

Financial Statement

The financial statement, read by THE TREASURER (Mr. Trevor Nicholl), showed that the Society had had a successful year, with a £282 excess of income over expenditure. MR. NICHOLL moved adoption of the report, MR. J. R. GUILER seconded, and the motion was passed.

Presidential Address

The presidential address (read by MR. H. F. MOORE) stated that during the year they had lost by death two members of the Society (Messrs. T. Harper and Edmond G. Roberts) and two associates (Messrs. Samuel Gibson and William R. Orr). Sincere sympathy was extended to the relatives. During the year the numbers of students who had entered for the various examinations were: Pharmaceutical Preliminary, six passed; Preliminary Scientific, fifty-nine students entered, of whom thirty-one passed, twenty were referred, seven failed, and one was absent; final Qualifying, fifty-four students entered, of whom twenty-four passed, fourteen were referred, twelve failed and four were absent. Licences issued for the year ended December 31, were: Pharmaceutical Chemist, 492; Registered Druggist, 32. Names on the Register at December 31, 1941, totalled: Pharmaceutical Chemists, 1,026, including many registered in Northern Ireland but holding positions in various parts of the British Empire; Superintendents of Bodies Corporate (Pharmaceutical Chemists), eighty-four; Chemists and Druggists, six; Registered Druggists, 123; Superintendents of Bodies Corporate (Registered Druggists), two; Assistants, five; Apprentices, 591. Two Pharmaceutical Chemists (Messrs Norman Calvert Cooper and James Mat chett Wilson) have obtained the degree o B.Sc. in pharmaceutics with second-clas honours, at the examination held a Queen's University in June 1942. Durin the year Messrs. P. G. Gallagher and R. E Courtney had obtained gold medals in thei final examination, and Francis Ward hac obtained gold-medal marks in the Preliminary Scientific examination. The book prize for the highest marks in pharmacy wa won by Israel Miller.

The Ministry of Home Affairs had asked the Council for its ideas on any projected new pharmaceutical legislation. A committee had been formed and to it the Council had invited representatives from the Ulster Chemists' Association and the Chemists' and Druggists' Society of Ireland. Later they had decided to ask the Ministry to receive a deputation, consisting of the three presidents (with himself deputising for Mr. Glendinning) and the secretary of the Pharmaceutical Society. The deputation was received by Mr. J. Dunlop (assistant secretary, Ministry of Home Affairs), who was accompanied by the registrar of the Pharmaceutical Society and the pharmacy inspector. Mr. Dunlop discussed with the deputation the suggestions for amendments and alterations to the existing (Northern Ireland) Act, as well as the clauses 8, 11 and 12 of the 1941 Act (Great Britain). The joint committee had held five meetings and forwarded its recommendations to the Home Office in March. The Ministry had promised a communication shortly.

Examiners

During the year Professors Thompson and Morton and Mr. T. Wilson had completed their terms of office as examiners, and they had lost another by death. The Council had appointed as examiners Dr. McCaull (principal of the Technical School, Dundee) in pharmacognosy and pharmacy; Professor Emeleus (Queen's University) in physics; and Dr. Mary Lynn (Queen's University) in botany. One of their own pharmacists (Dr. Charles Still) was an examiner in chemistry, and Mr. Lewis, C.A., in business methods.

The president concluded with cordial thanks to members of the Council for loyal attendance and support during the past two

ears, and to the secretary (Mr. D. L. Kirkpatrick) and his assistant (Miss Roulton) for their co-operation.

uestions

Mr. Shinner asked what use was made f the laboratory at the Society's headuarters, and was told by the chairman that he laboratory was for the use of pharmacy tudents. Unforeseen difficulties had arisen om the early closing of the premises and ack of supervision of students in the aboratory, but it was hoped that these ifficulties would be overcome.

Mr. Shinner also asked if the Council ad given any consideration to post-war econstruction and the employing of demobilised students and the control of acancies. He was asked to forward his uggestions in writing to be considered by he Council.

Mr. Fred Storey urged that there were nough pharmacists in Northern Ireland apable of acting as examiners, and he hought that more use should be made of isiting examiners when on this side by getting them to give lectures to members of the trade. He thought country members should be consulted about re-election, and expressed his regret that county Fermanagh had lost its representation on the Council in the person of Mr. I. W. Parker.

Mr. J. R. Guiler inquired why members were not notified this year that subscriptions were due. In reply it was stated that, owing to the paper shortage, members had not been notified by letter, but a notice had been published in the trade Press, and this, apparently, had not been seen by all members; as a consequence members whose subscriptions had not been paid to date had not received their copies of The Chemist and Druggist.

Mr. Crossin moved, and Mr. McGregor seconded, that the secretary should be instructed to send out notices to members in future.

Dr. Acheson was thanked by the meeting for his work on behalf of the chemists and National Health Insurance, and a vote of thanks to Mr. Moore for his services in the chair was carried unanimously.

A CARNAUBA SUBSTITUTE

he Forest Research Institute, Dehra Dun, ndia, has recently issued, as Indian Forest eaflet 19, a monograph by Puntambekar n a suggested blended substitute for arnauba wax. The substitute wax proosed is based on shellac wax modified with eeswax and sal dammar (*Shorea robusta*) n the proportions of eighty-five parts of hellac wax, ten parts of beeswax, and— dded gradually at 210°–230° C.—five parts f finely powdered sal dammar. The nixture is stirred to effect complete mixing, nd after the final amount of sal dammar as been added and the bubbles from the ot mixture have disappeared, the melt is trained through muslin into tin frames nd allowed to cool. In the table above are ompared the constants of genuine carnauba wax and of the substitute wax now prepared, together with those of the ingredients used in its preparation.

It will be observed that sal dammar has helped to raise the specific gravity and the melting point of shellac wax and to lower its saponification value. Along with beeswax, it has improved the binding power of the composition. In spite of the high acid value of the ingredients, the acid value of the substitute is low, and compares favourably with that of carnauba. The lowering of acid value can perhaps be explained by the assumption that free acids in dammar or shellac wax have become converted into lactonic bodies at the high temperature (210°–230° C.) at which the substitute wax is prepared.

	Carnauba wax	Suggested substitute wax	Shellac wax	Beeswax	Sal dammar
pecific gravity at 15° C.	0·990–0·999	0·993	0·971–0·980	0·963	1·097–1·123
Melting point	83°–85° C.	83° C.	74°–78° C.	63° C.	150°–175°C.
cid value	4–9	6·3	12·5–16	6·1	24·4
aponification value ..	78–86·5	85·6	120–126	94	51·2

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represen the prices for wholesale quantities of standard quality. C.i.f. quotations do not includ marine war risk insurance and other abnormal charges payable in the present emergenc

28 Essex Street, W.C.2, October 14

ONCE again business in the London drug and chemical markets has been more or less confined to the filling of routine orders from regular home consumers. Prices of most items are firm, and there are few signs of any general lowering of values. Reports to hand this week show that there is little of interest to comment upon in PHARMACEUTICAL CHEMICALS. Prices seem to have become stabilised, and fluctuations are considerably fewer than in normal times.

Crude Drugs

Business in these commodities has again been quiet during the week, with fewer inquiries than usual. Price movements have not been important. Some small sales of bacteriological AGAR have been made. Inquiry for ALOES has been rather more active, but Cape is the only variety available. All available ANTIMONY is being utilised for essential purposes. BALSAMS of TOLU and PERU are in limited compass on spot, but prices have not advanced. Natural CAMPHOR is slow of sale, business being confined to a few odd cases. There would be no lack of buyers of CASCARA SAGRADA if supplies of the bark were available. Zanzibar CLOVES is steady at the lower value noted last week. No interest is being taken in ERGOT. Kordofan GUM ACACIA shows a further small decline on spot. Business in IPECACUANHA has been rather better on the week. Fair inquiries have been received for MENTHOL. Fresh supplies of OLIBANUM are still awaited. Business in all available grades of RHUBARB has been good. SEEDS remain extremely quiet, with no price changes. Spot prices for medium grades of TRAGACANTH show a decline; substantial stocks have come forward, but business is unimportant. Indian VALERIAN ROOT is dearer.

Essential Oils

This market is quiet and prices show little variation on the week. Quotations for ANISE (STAR) in trade hands show no alteration. Small supplies of BOIS DE ROSE are quoted at a higher figure. CAJUPUT remains firm at the price quoted last week. A few odd lots of white CAMPHOR may still be had on spot. English distillers' price for CLOVE are without quotable change EUCALYPTUS, in small compass on spot is inclined to be a shade dearer. It become increasingly difficult to locate spot stocks o PEPPERMINT, and recently-quoted price may be exceeded. There appears to be n genuine SASSAFRAS on spot.

Exchange Rates on London

Among the official Bank of England rates which were unchanged at the opening o October 14, were the following: New York 4.03 dollars; Montreal, 4.45 dollars; Nether lands West Indies, 7.60 florins; Buenos Aires 17.02 paper pesos; Stockholm, 16.90 kroner Zurich, 17.35 francs; Lisbon, 100 escudos The Madrid rate is 40.50 pesetas, and th Chinese National dollar continues valued at $3\frac{1}{32}$d.

Pharmaceutical Chemicals

ACETANILIDE.—Supplies are stated to be moderate. B.P.C. crystals and powder, 2s. 5d. to 2s. 6d. per lb.

ASPIRIN.—Makers' prices steady at recent advance of twopence per lb.:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
From 1 lb. . .	4 3½	—	—	—	—
From 4 lb. . .	4 2½	4 0¾	—	—	—
From 7 lb. . .	4 1½	3 11¾	3 11¼	—	—
From 14 lb.	4 0½	3 10¾	3 10¼	3 10	—
From 28 lb.	3 11½	3 9¾	3 9¼	3 9	3 8½
1 cwt. . .	3 4½	3 2¾	3 2¼	3 2*	3 1½
5 cwt. . .	3 4	3 2¼	3 1¾	3 1½*	3 1
10 cwt. . .	3 3	3 1¼	3 0¾	3 0½*	3 0

* 8×14 lb. and upwards in one delivery, ½d. per lb. less. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if powder is converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—Makers' prices show no change: Under 5,000, 3s. 5d.; 5,000, 3s. 3d.; 10,000, 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.; 100,000, 2s. 10d.; 250,000, 2s. 9½d.; 500,000, 2s. 9d.; 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d. per 1,000.

ATROPINE.—Makers' prices were advanced on October 1. Current rates per oz. for the two base and sulphate are: ALKALOID.—25 oz., 34s.; 4 oz., 34s. 6d.; 1 oz., 35s. SULPHATE.—25 oz., 27s.; 4 oz., 27s. 6d.; 1 oz., 28s.

ORAX.—B.P. quality is quoted by makers follows: Granulated, £39 10s. per ton; stal, £40 10s.; powder, £41. Commercial le, £8 per ton less. Packed in one cwt. bags, vered carriage paid Great Britain, in one-ton and upwards.

ORIC ACID.—Makers quote B.P. quality as ws: Granulated, £60 15s. per ton; crystal, 15s.; powder, £62 15s. Commercial grades, er ton less. Packed in one-cwt. bags, car- e paid in Great Britain, in one-ton lots and ards.

ROMIDES.—Makers' prices for 28-lb. lots POTASSIUM are as follows (containers in kets): 3s. 7d. (1-lb.); 3s. 5¼d. (4-lb.); 4¾d. (7-lb.); 3s. 4½d. (14-lb.); 3s. 4d. lb.). SODIUM, one penny per lb. extra; MONIUM, threepence per lb. extra.

ITRATES.—The following are makers' prices POTASSIUM, B.P. in quantities of 28 lb. to t. (containers in brackets): 3s. 2d. (1-lb.); o¼d. (4-lb.); 2s. 11¾d. (7-lb.); 2s. 11½d. lb.); 2s. 11d. (28-lb.). Prices of SODIUM, , are at one penny below, and of IRON and MONIUM (SCALES), B.P. at threepence per bove these levels. Prices are net, packages a.

DEINE.—Current quotations are as follows: ALOID, 38s. 3d. per oz., in 4-oz. lots; SPHATE, 31s. 3d. in the same amounts.

ALLIC ACID.—Firm at about 7s. to 7s. 3d. lb., according to quantity.

LYCERIN.—Prices of small supplies are as ws: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, ; 14-lb. tin, 100s. per cwt. Subject to unt of 2½ per cent. twenty-eight days.

UAIACOLS.—CRYSTALS and CARBONATE are lable at from 13s. to 14s. per lb.

EXAMINE.—Free-running crystals, in cwt. 2s. 3d. per lb.; fine crystals, 1s. 11d. per lb.

ERCURIALS.—Current prices for quantities o two cwt. are as follows:—

COMPOUND	Over 7 lb. but less than 28 lb.		28 lb. and over but less than 1 cwt.		1 cwt. and over but less than 2 cwt.	
	s.	d.	s.	d.	s.	d.
loride, powder ..	16	1	15	9	15	8
loride (industrial ality)	16	1	15	9	15	8
loride, lump ..	16	8	16	4	16	3
nonium chloride, wder	18	3	17	11	17	10
nonium chloride, mp	18	1	17	9	17	8
ride (mercurous) ..	19	0	18	8	18	7
e, red crystalline, P.	21	2	20	10	20	9
e, red levigated, P.	20	8	20	4	20	3
le, red technical ..	All quantities: 19s. 11d. per lb.					
e, yellow levigated, P.	20	7	20	3	20	2
e, yellow technical	All quantities: 19s. 7d. per lb.					

METHYL SALICYLATE.—Makers' prices are steady as follows: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller lots, in bottles, 2s. 1½d. per lb.

PHENOLPHTHALEIN.—No changes have been notified in makers' prices. Less than 7 lb., 4s. 3d. per lb.; 7 lb., 4s. 2d.; 14 lb., 4s. 1d.; 28 lb., 4s.; 1 cwt., 3s. 11d.

PILOCARPINE.—No alteration has occurred in prices. BASE.—1 oz., 27s.; 4 oz., 26s. 6d.; 25 oz. 26s. per oz. HYDROCHLORIDE.—1 oz., 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 17s. 6d. NITRATE.—1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—Makers' rates are unchanged. B.P., in 1-cwt. drums—From 1 cwt., 1s. 10d. per lb.; from 3 cwt., 1s. 9½d. Technical, in 1-cwt. drums—from 1 cwt., 17os. 6d. per cwt.; from 3 cwt., 166s.; from 5 cwt., 163s. 6d.; from 1 ton, 161s.; from 4 tons, 158s. 6d. Technical, in 5-cwt. drums.—From 5 cwt., 161s. per cwt.; from 1 ton, 158s. 6d.; from 4 tons, 156s. 3d., net, delivered nearest railway station in Great Britain, drums extra and returnable.

SANTONIN.—Home-trade prices are unchanged: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

TANNIC ACID.—Supplies are restricted, and prices are firm at 7s. 6d. per lb.

VANILLIN.—Makers' prices for material made from clove oil or guaiacol are as follows: Five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in United Kingdom. Tins in cases returnable.

Crude Drugs

AGAR.—Some small business is reported in material for bacteriological use.

ALOES.—Rather more inquiry has been received for Cape, which is offered on spot at 65s. to 67s. 6d. per cwt., according to holder. Curaçao is mentioned for shipment at 45os. c.i.f., but no business has apparently been done.

ANTIMONY.—Unchanged, with available metal being reserved for essential purposes. English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, £100 per ton delivered.

BALSAMS.—No changes have been noted in the prices as last quoted. *Tolu*, in poor supply on spot, 9s. 6d. per lb.; *Peru*, also in limited compass, 8s. 6d. per lb.; *Canada*, 8s. 6d. per lb.; spot supplies of *Copaiba*, B.P., are not available.

BELLADONNA.—Spot price of Indian root remains at 46os. per cwt., but leaves are no longer supplied.

BENZOIN.—The more active demand noted last week has been sustained, and spot business continues in ordinary quality at from £16 to £20 per cwt., according to seller. Free almondy may be had on spot at from £33 to £35 per cwt., but stocks are not large.

BISMUTH METAL.—High-grade metal steady at 6s. 3d. per lb. for minimum 5-cwt. lots.

BUCHU.—Fair green rounds, in limited compass on spot, may be had at 6s. 3d. per lb.

CALUMBA ROOT.—Dealers continue to offer spot supplies of middling washed root at from 185s. to 190s. per cwt., but business is quiet.

CAMPHOR.—Spot business in the natural varieties appears to be limited to sales of a few odd cases from time to time at the following prices: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), 10s.; Japanese slabs, 12s. Supplies of English synthetic, B.P., are understood to be available to approved buyers at 7s. 6d. per lb.

CARDAMOMS.—Conditions again extremely quiet; no price changes. Aleppy green, spot, 5s. 3d. per lb.; shipment, 4s. 3d. per lb., c.i.f. Aleppy seed, spot, 5s. 9d. per lb.; shipment, 5s. 3d. per lb., c.i.f. Split seed, spot, 4s. 6d. per lb.

CASCARA SAGRADA.—Buyers are not lacking for any parcels outside Lease-Lend, but no supplies appear to be available.

CHILLIES.—Spot quotations for Mombasa are steady at 145s. per cwt.

CLOVES.—Spot value of Zanzibar remains at 1s. 6d. per lb.; second quality, afloat, 1s. 4d. per lb., sellers, c.i.f. No quotations for Madagascar.

COCOA BUTTER.—No change had been notified in the maximum price of 1s. 5½d. per lb., ex factory or warehouse, except when sold under Ministry of Food licence.

COCONUT (DESICCATED).—Price is controlled by Ministry of Food Order at 49s. per cwt.

DANDELION ROOT.—For any remaining spot supplies of Indian the price would be 140s. per cwt. Further importations are unlikely.

DIGITALIS LEAVES.—Good-testing Portuguese leaves are obtainable on spot at 125s. per cwt.

DRAGON'S BLOOD.—Supplies of re-boiled are exhausted. Dull Zanzibar drops may be had on spot at £21 per cwt., and seedy lump at £30 per cwt.

ERGOT.—Interest is again lacking. Spot supplies are available at 5s. 6d. per lb.; the shipment price of new-crop is 5s. 6d. per lb., c.i.f.

GALANGAL.—Spot supplies are available at 90s. to 95s. per cwt., according to quantity and seller.

GINGER.—No information is forthcoming of maximum sale prices being fixed by the Ministry of Food. Spot supplies, if available, would be priced as follows: Cochin, 210s. per cwt.; Calicut, 235s.; and West Indian, 205s.

GUM ACACIA.—Kordofan cleaned sorts, spot, 100s. per cwt.; afloat, 95s., landed terms; shipment, 65s. per cwt. A moderate quantity of bleached may be had by consuming manufacturers at 145s. per cwt., ex warehouse London.

HONEY.—For particulars of current price schedule for first-hand and wholesale transactions, see *C. & D.*, May 9, p. 527.

HYDRASTIS.—Imported under the Lease-Lend arrangement and sold to users at 22s. 6d. per lb., ex store, with an additional small charge for repacking.

IPECACUANHA.—A fair spot business has been done in Minas, prices for which are as follows: B.P., 13s. 6d. per lb.; slightly under B.P., 13s. per lb. Matto Grosso, spot, 18s. per lb. Current prices for EXT. IPECAC. LIQ., in winchester quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

JABORANDI.—Dealers are asking 60s. per cwt., ex store, for spot supplies.

JALAP.—In fair inquiry, spot prices being according to resin content: Brazilian 13 per cent., spot, 95s. per cwt.; 16 per cent., spot, 105s.; 19·3 per cent., 130s., ex warehouse Liverpool.

KAMALA.—Six per cent. continues to be offered on spot at 2s. to 2s. 3d. per lb., according to holder.

LIQUORICE ROOT.—East Indian, spot, 70s. per cwt., and South African, 75s. per cwt., both ex warehouse Hull. It is understood that Russian may still be had on spot at £60 per ton, the officially-approved price.

MENTHOL.—Demand has been rather more pronounced. Chinese, spot, 72s. 6d. to 75s. per lb., according to holder, but market orders at 72s. 6d. failed to find a seller. Japanese, if obtainable on spot, would fetch 75s. per lb.

MERCURY.—Full particulars of current official prices, which range from £68 10s. to £69 15s. per bottle for quantities over 7 lb., were given in the *C. & D.*, August 1, p. 131.

MYRRH.—Stocks are low, but fresh supplies are awaited. Aden sorts may be had on spot at £17 10s. to £18 per cwt.

NUX VOMICA.—Rather slow of sale, but no change in values. Cochin, washed and garbled, spot, 45s. per cwt.

OLIBANUM.—The market is awaiting fresh supplies.

ORANGE PEEL.—Not much available, but prices are steady. Spot, thin-cut and quarters, 3s. 3d. per lb.

PAPAIN.—Nominal on spot at 16s. per lb.

PEPPERS.—Maximum official price of whole white Muntok, not picked over or cleaned, is 8d. per lb., in bond; whole black Lampong, of similar grade, is 5d. per lb., in bond.

PIMENTO.—Sellers on spot at 2s. 7d. per lb.; shipment prices are not quoted.

PODOPHYLLUM.—*Emodi*, 15 per cent., offered on spot at 82s. 6d. per cwt.

PSYLLIUM SEED.—Indian seed is offered by dealers at 1s. 3d. per lb., ex store.

PYRETHRUM.—Demand is good, but spot supplies are not plentiful. Kenya flowers, spot, 2s. per lb., if available.

QUILLAIA BARK.—No change. Natural bark n spot, 100s. per cwt.; crushed or cut, 125s.

RHUBARB.—Fair trade has been done at the rices last quoted. Good-quality rough-round, ot, 7s. 6d. to 7s. 9d. per lb.; lower grades, s. 3d.; Shensi, spot, 9s. 6d. to 10s. per lb.

SAPONIN.—There are offers of spot at 7s. 6d. er lb.; ex warehouse, Liverpool, shipment, nchanged at 6s. 6d. per lb., c.i.f.

SARSAPARILLA.—A few bales of native reddish ay be had on spot at 3s. 2d. per lb.

SEEDS.—Extremely quiet, with no price ovements. ANISEED.—No supplies are avail-le. CANARY.—None available. CARAWAY. No supplies are available. CORIANDER.—ndian, spot, none available at present; English, uoted at 220s. CUMIN.—Malta, 165s., duty ee; Indian, 165s. DILL.—Spot, quoted at 70s. FENNEL.—Indian, business done on spot t 105s., duty free. FENUGREEK.—Nothing vailable. MUSTARD.—New-crop English, 130s. er cwt.

SENEGA.—Any odd bales on spot would be orth 7s. 9d. per lb.

SENNA.—Nothing to report. Prices are as llows: Pods: Tinnevelly, good hand-picked, d. to 1s. 2d. per lb.; ordinary grade, 10d. to d.; f.a.q., 6d. to 7½d.; Alexandrian, fair, s. 6d. per lb. Leaves: Tinnevelly, No. 1, d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, ½d. to 6d.; Alexandrian, broken, 1s. 3d. to s. 4d. per lb

SHELLAC.—Inactive. Standard TN orange n spot, 200s. per cwt., value. Pure button, nquoted; fine orange, 240s. to 290s. quoted.

SLIPPERY ELM BARK.—Price to users of Lease-end material is 1s. 6d. per lb., ex store. Most it is understood to have been distributed.

SQUILL.—Indian, spot, cut and dried, 80s. er cwt. Red, unobtainable.

STROPHANTHUS.—Little interest is being nown in this commodity. Kombé seed, 100 er cent., 10s. 9d. to 11s. per lb., according to uantity. 80 per cent. seed available at a wer price.

TRAGACANTH.—Substantial stocks have come rward, but demand is not large; prices are nsequently lower. Current rates for medium rades are as follows: No. 1, white, £120; No. , white, £105; No. 3, white, £95; No. 4, white, 80; pale leaf, £77; amber leaf, £60; red nd brown leaf, £37; red leaf, from £30; woody nd hoggy, from £15, ex store.

TURMERIC.—Quiet and unchanged. Sound-uality Madras finger, spot, 67s. 6d. per cwt.; ormy, 65s.; ground, 95s.

VALERIAN ROOT.—Indian root is dearer on ot at 105s. per cwt. Spot stocks are depleted, nd import licences are not being granted.

WAXES.—Quiet. BEES'.—Supplies are ob-inable, but only by application through embers of the Association of Merchant Dis-ributors of Beeswax. CARNAUBA.—Fatty rey, 480s. per cwt.; chalky grey, 465s.; rimeira, 560s.

Essential and Expressed Oils

ANISE (STAR).—Unchanged. Genuine Red Ship oil in dealers' hands, 53s. to 54s. per lb., in drums.

BAY.—In limited compass at about 12s. to 13s. per lb., according to quantity.

BERGAMOT.—The basic value of any genuine oil would be in the region of 100s. per lb., but business, owing to restricted supplies, would be a matter for negotiation.

BOIS DE ROSE.—Spot value would be in the region of 42s. per lb.

CAJUPUT.—Spot prices range between 15s. and 16s. per lb., according to quantity.

CAMPHOR (WHITE).—Some odd drums may be found on spot at from 500s. to 550s. per cwt., duty paid.

CANANGA.—Spot, if available, would be worth about 60s. to 70s. per lb., according to quantity.

CASTOR.—No change in the fixed price for firsts at £60 per ton, naked ex works; seconds, £58 per ton.

CEDARWOOD.—Nominal at 6s. 6d. per lb.

CINNAMON LEAF.—About 15s. per lb. would be the spot value of any available supplies.

CITRONELLA.—Ceylon, spot, from 17s. to 18s. per lb.; Java, about 24s. per lb.

CLOVE.—English distillers' prices are steady at 14s. to 14s. 6d. per lb.

COTTONSEED.—Refined deodorised is officially quoted at £49 per ton, naked ex works.

EUCALYPTUS.—In limited supply at about 5s. 6d. per lb. on spot.

FENNEL.—Sweet is obtainable on spot at about 35s. per lb.

GERANIUM.—About 80s. per lb. would be the basic price of any available supplies, but business would have to be negotiated.

GINGERGRASS.—Present spot value would be about 25s. per lb.

GROUNDNUT.—Official prices range between £48 and £54 per ton, naked ex works, according to grade.

LINSEED.—Official price for crude, naked ex works, remains at £46 per ton.

PALMAROSA.—In small supply on spot. Price would be in the region of 35s. per lb.

PATCHOULI.—Spot, nominal at 70s. per lb.

PENNYROYAL.—Available on spot at about 35s. per lb. for good-quality oil.

PEPPERMINT.—Spot supplies are extremely difficult to find, and it is doubtful if any Chinese would be available at 85s. per lb.

PETITGRAIN.—Spot, from 24s. to 25s. per lb., if available.

ROSEMARY.—Spot supplies are available at around 16s. per lb.

SPIKE.—Spot, in the region of 25s. per lb.

THYME.—High-quality oil would be worth around 25s. per lb.; other grades would be cheaper.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real nar and address to the Editor

S.M.A. Pharmaceutical Policy

SIR,—The Pharmaceutical Group of the Socialist Medical Association will welcome any and every criticism of its war-time policy as soon as that policy is published. It seems to the Group, however, that by printing a considerably condensed version of the draft under discussion at its meeting, and then expressing criticism of the selected portions in your leading editorial article (p. 347), you have done not only the Group but pharmacy in general a disservice. The S.M.A. is not interested in valueless claims to originality; its concern is with reality, necessity and practicability. In this instance the strength of its case lies in the fact that it is putting forward a policy—the first "all out to win the war" policy for pharmacy—as distinct from isolated and unconnected proposals emanating from different quarters at different times: the S.M.A. proposals can, therefore, only be adequately viewed as a whole. If some of the Association's independently conceived ideas have already been proposed by others, here they figure as part of a complete plan, and so for the first time acquire perspective and vitality. The foregoing remarks reply to one major point of criticism. The next, that some matters dealt with are totally unsuited for putting into operation in the third year of the war, is purely a question of opinion; it is not the opinion of the S.M.A. Pharmaceutical Group, which, roused by the defeatist and *laissez faire* attitude pervading pharmacy both before and during the war, is proud to be sounding the clarion call to pharmacists to bestir themselves into action at this eleventh hour. . . . If pharmacy wants to play its full part in winning the war, it must be organised on a war footing, and the phrases "too difficult" and "cannot be done" deleted from its vocabulary. The third argument advanced against the proposals, that virtually every one which, in your view, is capable of being put into operation to help the war effort is already under way, will not stand up to an examination of conditions in pharmacy today. . . . The preamble to the draft memorandum, as quoted in your account of the Conway Hall meeting, states the four main principles activating the policy proposals (p. 342). It may be that some or all of these are accepted by the authorities and by t profession, but any official measures tak have only produced a fraction of the resu needed. It still remains to translate pri ciples into practice: that is the reason f the forthcoming publication of a war-tir policy by the Pharmaceutical Group of t S.M.A.

Yours faithfully,
S. F. IZZARD,
London, N.20. Secretar

MR. W. S. BENJAMIN (chairman of t Committee of Inquiry) points out that o report of the draft memorandum (*C. & D* October 3, p. 342) that "products practi ally worthless from a medical point of vie should be drastically reduced in number ar quantity by allowing only one for each cla of complaint," was amended to rea "smaller allocations of raw materia should therefore be made to the makers 'patent' medicines, with correspondir increases in the amounts made availab for the genuine needs of hospital, insure and private patients."—EDITOR.

Proposed Corps of Pharmacists

SIR,—An admirable suggestion was mad by two correspondents in the *C. & D* (October 3, p. 358) regarding pharmacis and civil-defence training. Have you correspondents considered, however, th value the Government places on pharma cists' services in this connexion? Thre young pharmacists in Bath have bee attached to an ambulance depôt for total of eight years between them. Eac one is a qualified first-aider and one a ambulance driver. One has been in attend ance at three incidents prior to the City Spring "blitz." All have rendered valuabl service. One has now been called up, on is awaiting call-up, and one is liable to b called up after December 31. None i allowed even to mention civil defence i deferment statements, so apparently littl value is placed on their services. If th Government really appreciates this servic rendered then the suggestions of Messrs Hayward and Ross-Mansell should be wel comed, but at the present rate of calling-u no pharmacist under forty is secure lon enough to warrant the effort spent i training. Yours faithfully,
Bath. FLOREAT BATHON

HOWARDS'

MAGNES. CARB. POND. P.B.

A white powder of beautiful appearance and guaranteed to conform to the requirements of the British Pharmacopœia.

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Stocks in hand to meet home demand immediately. Export supplies available shortly.

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Supplies adequate for normal orders.	Production improving but still below demand.

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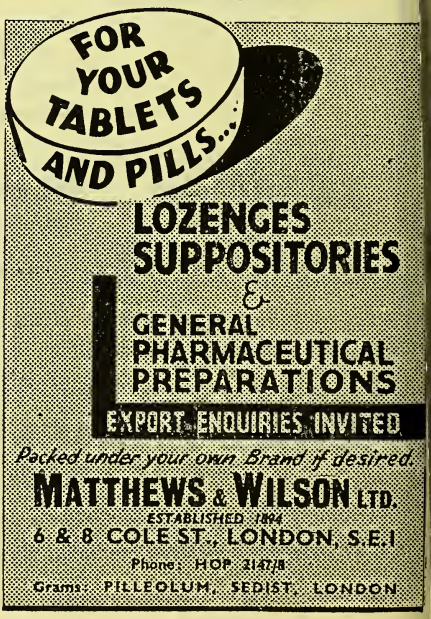

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Goods covered by Dangerous Drugs Acts offered subject to all regulations

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META-PARA CRESOLS
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Subject to war limitations our services are available and at the disposal of consumers.

This image of KAPPE CHANNIGARAYA was set up in A.D. 1131 in the hope that it would bring Peace to the World

TO-DAY INDUSTRY FORGES PE

World Peace was the desire of our forefather this image of Kappe Channigaraya testifies. T we know that desire alone is not enough; to ac lasting Peace a great effort is demanded. With natural resources and the most modern indu equipment, Mysore's contribution to the caus Peace is already substantial; her potentialities al unlimited.

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Gold, Timber, Chrome, Leather, Paper, S Coffee, Silk, Rice, Granite, Charcoal, are som the many products of Mysore. Her Sandalwood Sandalwood Oil are world-famous. The scheme harnessing the Gersoppa Falls will give Mysore rivalled electrical power.

For further information as to trade and travel facilities apply to the

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JOHN KELLYS (LONDON) LTD.

27 OLD BROAD ST., E.C.2 *KEL. 6186 4 (lines)*

Telegrams: "Ergotine, Stock, London."

CONTROL O HEAD LICE

Nits and Head Lice can now be dealt v quickly and economically without unplea evidence of treatment.

An approved formula now being used ext sively by Public Health Authorities.

Semprolia

INSECTICIDE

for the Control of Nits and Head L

★

SEMPROLIA IS IN URGENT AND RAPIDLY INCREASING DEMAND.

Retail (2-oz.) 1/1½d. including P.T. List 8/- doz Packed in 2-dozen outers.

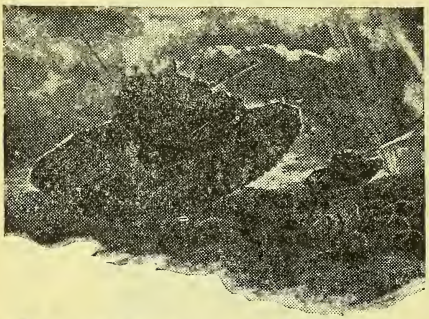
STEMCO LTD., 128, *Albert Street, London, N.*

TWO GRAND SELLING POINTS IN ONE!

Cures the cough and restores lost strength — that's the sales story of Balsamic Emulsion. And that is why this unique curative tonic is finding its way into more and more homes. It can be *your* best autumn and winter line — your first order will be followed quickly by repeats.

Balsamic
BRAND
EMULSION
CURATIVE TONIC

Retailing at
1/7, 2/7 and 8/-
Made by
F. W. HAMPSHIRE & CO., LTD.
Manufacturing Chemists
Sunnydale, Derby.



Armoured . . .

The Battalions of to-day fight behind defensive armour. The armoured car has replaced the cavalry horse and infantry advance under the protection of massed tank formations.

Medical research, too, has provided defensive armour for the medical profession. The prevention of disease by protective measures against the invisible but numberless and ubiquitous foe—the disease germs—is increasingly lowering the general morbidity and mortality.

Decongestion of the turgid nasal mucosa in acute and chronic rhinitis, hay-fever, and sinusitis is rapidly effected by use of the Karsodrine Inhaler. Maximal shrinkage with corresponding symptomatic relief is obtained within five minutes. The powerful volatile vaso-constrictor in the Inhaler penetrates to the uttermost recesses of the nasal cavity and sinuses, securing optimal drainage and aeration. With only one cap to remove, the Karsodrine Inhaler is pre-eminently simple to use.

Retail Price **1/6** (Inc. Tax)

FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

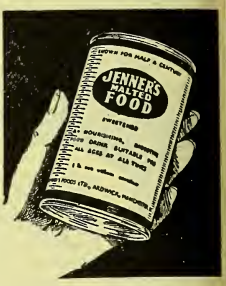
Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax) which yields 3/2½d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

E. GRIFFITHS HUGHES LIMITED **ADELPHI, SALFORD 3 MANCHESTER**

A PRODUCT OF E G H LABORATORIES

HERE'S THE EXTRA nourishment war workers need...

Prepared in specially assimilable form and available in adequate supply, Jenner's offers a fine malted and sweetened food *proved invaluable for over 50 years* for tired workers, invalid digestions, old people, nursing mothers and infants.



JENNER'S malted food

		Retail	Trade
Malt and Chocolate Flavour	small size	1/6	14/4 per doz.
	large size	2/8	25/6 „

SPLENDOR Ltd. 5, Beastmarket Hill, Nottingham, & 7c, Lower Belgrave St., London, S.W.1

ASTHMA

sufferers are always grateful if you recommend —

DR SINGHA ASTHMA TABLETS

The Original and still the Best Remedy for ASTHMA, BRONCHIAL ASTHMA AND BREATHING DIFFICULTIES

P.A.T.A. Terms from all Wholesale Houses

Prices: 1/8½, 5/7½, 13/5 (Including Tax)

THE DR. SINGHA CO., LTD Caernarvon, North Wales

It will pay you to Stock & Display these Profitable Selling Lines

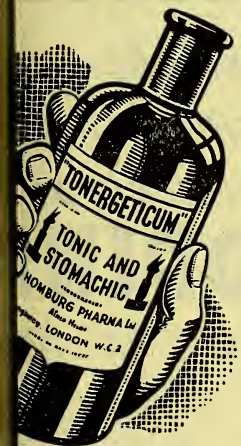
NOW NATIONALLY ADVERTISED

KAMILLOSAN

The new activated, chemically-stable extract of Camomile for burns, bruises, skin eruptions, etc., and the maintenance of personal hygiene. Attractively packed and displayed and backed by powerful National Advertising, this line has now become an established best seller all over the country.

Retail Prices **2/10** & **4/9** per bottle, **1/8** per tube (*Inc. Tax*).

Usual Trade Terms



TONERGETICUM

The tonic and digestive ***plus***, compounded from the salts of manganese, copper and iron and including phosphorus and quinine, to soothe nerves, stimulate appetite and strengthen digestion. Children, old folk and invalids may take this re-invigorating and strengthening tonic with confidence. There is a growing demand for Tonergeticum —be ready to meet it.

Retail Prices **3/5** & **5/1** per bottle (*Inc. Tax*).

Usual Trade Terms

Both these lines are selling well throughout the country. If you have not already done so, stock up with it right away. Attractive show material is available. Cash in on the growing demand for Kamillosan and Tonergeticum—today.

Sole Manufacturers: CAMDEN CHEMICAL CO., LTD., NORTHINGTON HOUSE NORTHINGTON ST., LONDON, E.C.1. Tel HOLborn 7524 & 1318

BRITISH *Homburg* PHARMACEUTICAL PREPARATIONS

Member of the Chemists Friend Association

Announcement

"ZEMS"

Member of the Chemists Friend Association

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

We have now joined Chemists Friend Association

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

ZEMS, LTD., 718-724 SEVEN SISTERS ROAD, LONDON, N.15

KARMOID

The Pleasant

LAXATIVE TABLETS

C.F. and P.A.T.A.

Obtainable from all Wholesalers in three sizes to retail (including tax) at

8½d., 1/5, 3/4½

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INTERNATIONAL LABORATORIES, LTD.
CHARLBURY OXFORD
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Preventable Common Ailments an

IODINE

Iodine protective and remed treatment for many complai —colds, rheumatism, influen asthma, hay fever, etc., is d cribed in our new bulle "The Hygiene of Wa A copy will be suppli to nurses and first a workers on request.

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21 Stone House, Bishopsgate
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NTERNATIONAL CHEM. CO. LD.

REVISED CONTENTS OF STANDARD PARCELS

TO meet the convenience of retailers, and in view of the discontinuance of 7d. 'Bisurated' Magnesia Tablets (in conformity with the Packaging Control Order) we have modified some of our original assortments.

AS FROM SEPTEMBER 1st, 1942, we can only supply our four well-known lines in the following pre-packed parcels.

The minimum for a direct order remains at £5, which can be made up by parcel 'A'; or by any two of parcels 'B' to 'L'; or by any one of 'B' to 'L,' plus a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin. Toilet lines may also be included to the value of your quota.

Co-operation allowances: On orders of £5....7½% £10....10%

A

1 doz. 1/5 Bismag Powder	12	0
½ „ 2/10 „ „	12	0
2 „ 1/5 „ Tablets	1 4	0
1 „ 2/10 „ „	1 4	0
1 „ 1/9 Pineate Honey Cough-Syrup	13	9
1 „ 2/3 Limestone Phosphate	18	0
1 „ 1/5 Freezone Corn Remover	11	3
	£5 15	0
Purchase Tax on all goods and on bonus	1 1	1
	£6 16	1

B

3 doz. 1/5 Bismag Powder	1 16	0
1 „ 2/10 „ „	1 4	0
	£3 0	0
Purchase tax on above and on bonus	11	8
	£3 11	8

C

3 doz. 1/5 Bismag Tablets	1 16	0
1 „ 2/10 „ „	1 4	0
	£3 0	0
Purchase Tax on above and on bonus	11	8
	£3 11	8

D

1 doz. 1/5 Bismag Powder	12	0
2 „ 1/5 „ Tablets	1 4	0
1 „ 2/10 „ „	1 4	0
	£3 0	0
Purchase Tax on above and on bonus	11	8
	£3 11	8

E

1 doz. 1/5 Bismag Powder	12	0
½ „ 2/10 „ „	12	0
2 „ 1/5 „ Tablets	1 4	0
½ „ 2/10 „ „	12	0
	£3 0	0
Purchase Tax on above and on bonus	11	8
	£3 11	8

F

1 doz. 2/10 Bismag Powder	1 4	0
1½ „ 2/10 „ Tablets	1 16	0
	£3 0	0
Purchase Tax on above and on bonus	11	8
	£3 11	8

H

1½ doz. 1/5 Bismag Powder	18	0
3 „ 1/5 „ Tablets	1 16	0
	£2 14	0
Purchase Tax on above and on bonus	10	6
	£3 4	6

J

2 doz. 1/5 Freezone Corn Remover	1 2	6
1 „ 2/3 Limestone Phosphate	18	0
1 „ 1/9 Pineate Honey Cough-Syrup	13	9
	£2 14	3
Purchase Tax	9	0
	£3 3	3

K

4 doz. 1/9 Pineate Honey Cough-Syrup	2 15	0
Purchase Tax	9	2
	£3 4	2

L

6 doz. 1/5 Freezone Corn Remover	3 7	6
Purchase Tax	11	3
	£3 18	9

Above consumer prices include Purchase Tax

BONUS TERMS—14 to the Dozen on 'Bisurated' Magnesia Powder and Tablets in return for 14 days' window display. 'Bisurated' Magnesia Powder—Bonus in Mint Powder 'Bisurated' Magnesia Tablets—Bonus in Tablets.

All goods sent Carriage Paid in returnable boxes.

BRAYDON ROAD LONDON N16

Make the Most of your 'ASPRO' Display!

Stickers & Showcards Still Available but

PLEASE MAKE the BEST USE of ANY YOU HAVE!

The latest paper control order has brought home to everyone how precious paper and board have become. We have always pointed out to chemists the importance to their own interests of using display material to the best advantage.

Now it has become a matter of vital concern to the nation. **Existing stocks of showcards, stickers, etc., must be made to last.** They cannot be replaced. Will you please help us by making the most of any 'ASPRO' showcards or stickers you already have. **You will be doing the best possible service to your own business at the same time.**

So remember: a continuous 'ASPRO' show will capitalise for your shop the vast 'ASPRO' goodwill created by our advertising campaigns—just as though you paid for the advertisements yourself.

NOTE.—We can still supply display material on request. **If your present show is really worn out put it with your other salvage and please write us for new ones.**

We have a limited supply of Chemists' **2 oz. bags** available at **7/6** per 1000

'ASPRO'

Made in England by ASPRO LTD., Slough, Bucks. Telephone: Slough 22381

ASPRO

MECCA PASTILLES

(The Chemists' Cough Pastilles)

◆ ◆ ◆

Only a small quantity available
Get your supply before autumn

◆ ◆ ◆

All correspondence direct to

ROBERT GIBSON & SONS, LTD.

MANCHESTER & LONDON

STANNING PROPRIETARIES

offer you

EXCEPTIONAL SERVICE AND TERMS

for all

SURGICAL DRESSINGS
CHEMISTS' SUNDRIES
PACKED PHARMACEUTICALS

Special attention to post orders

We invite enquiries for any lines you may have difficulty in obtaining

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Lowest prices
Exceptional Deliveries

Please note new address:

STANNING PROPRIETARIES

27 OXFORD STREET, HARROGATE, YORKS. (P.O. Box 5

Telegrams: STENNING, HARROGATE

We suggest that you cut this out and keep it for reference

VITAMIN C THERAPY

A Guide for the Retail Chemist

DEVELOPMENTS in the field of vitamin research take place so fast that it is difficult indeed to ep up with them.

Summarized here are a few of the basic cts of Vitamin C therapy. Controversial atters are omitted.

- Vitamin C is not stored in the tissues in large amounts and a daily intake is therefore necessary.
- The synthesized vitamin, ascorbic acid, is identical with the Vitamin C of fresh vegetables and fruit.
- Estimates of the daily intake necessary for full health vary from 25 milligrammes (500 Int. Units) to 75 mg. for adults. It is agreed that infants and young children need more in relation to their body weight, and that requirements are increased during pregnancy and lactation.
- It is impossible to do harm by taking an overdose of Vitamin C. Any surplus above the body's requirements is passed out in the urine.

REDOXON' brand (pure Vitamin C) tablets are now issued in three engths :—

50 mg. 'Redoxon' tablets are prebed for pregnant and nursing mothers, d for patients showing signs of Vitamin C ficiency. 20 tablets 2/- ; 100 tablets 6 retail.

25 mg. 'Redoxon' tablets are the correct thing to advise for ordinary prophylactic use for adults and children. The usual supplementary dose may be one or two tablets daily. 50 tablets 2/3 ; 250 tablets 9/- retail.

5 mg. Babies' 'Redoxon' tablets are for infants, especially bottle-fed babies. The tablets can be easily powdered and added to the bottle feed or given in water. One to three tablets are advised for babies under 6 months ; three to five tablets for babies of 6 to 12 months. 50 tablets 1/3 ; 500 tablets 6/6 retail.

EXEMPT FROM PURCHASE TAX

'REDOXON'

A 'Roche' Product

A C.F. line.

N.B. The 25 mg. 'Redoxon' tablet referred to above is likely to be in heaviest demand because it is the strength featured in the advertisements appearing currently in The Times, Daily Telegraph, News Chronicle, The Scotsman, Glasgow Herald, Radio Times, and Picture Post.

Orders should be placed at once — through wholesalers for preference. Trade terms: 33⅓% discount. Showcard available on application.

ROCHE PRODUCTS LIMITED, WELWYN GARDEN CITY, HERTS.

Cod Liver Oil in nutrition

Before the war leading Medical opinion at home and abroad agreed that even then a daily teaspoonful of Cod Liver Oil was needed to supplement the diets of infants, children, adolescents, and nursing and expectant mothers. The pre-war *Report on the Physiological Bases of Nutrition* 1936, setting down these conclusions and recommendations was endorsed by our own Ministry of Health and the British Medical Research Council.

Since the outbreak of the war the Ministry of Food have taken steps, with their Cod Liver Oil Distribution Scheme, to ensure that adequate supplies are to-day within the reach of young children.

But the Ministry of Food Scheme needs the active co-operation and support of the Pharmaceutical Profession in recommending mothers to take advantage of these facilities and in getting them to appreciate the importance and value of Cod Liver Oil in prenatal care and throughout childhood and adolescence.

For those outside the scheme, and also for those who prefer freedom of choice, SevenSeaS pure Cod Liver Oil is available in all chemists' shops throughout the country. There is no shortage of SevenSeaS and its quality and purity remain unimpaired. The Pharmaceutical Profession is, however, reminded *that orders should be placed at least two or three months ahead of actual needs*, as the difficulties of packing and delivery are greater than ever before.

Issued by British Cod Liver Oil Producers (Hull) Ltd., St. Andrew's Dock, Hull.

CHINGFORD.

Sir,
"I have had much difficulty in getting the Curicones in this district."

BLACKPOOL.

Sir,
"Having recently been recommended to try your Curicones for Rheumatism, I am unable to find any chemist in the town stocking same."

Withington, MANCHESTER.

Dear Sir,
"Unfortunately the bottle she got seems to be the last one obtainable in Withington."

Are you losing trade this way?

IF you find that your supplier is unable to fill your CURICONES order, write to us giving the name of your wholesaler, and we will do everything we can to get stocks to you without further delay.

Supplies, of course, will still be charged through your usual wholesaler.

Please note that the new prices of CURICONES, including Tax, are: Small size 5s., Large size 24s.

CURICONES is a P.A.T.A. line, showing 33⅓% profit.

There are at present enough

CURICONES

to give EVERYONE a fair share

ORDER THROUGH YOUR USUAL WHOLESALER

Stephen Matthews & Co. Ltd., 19/21 Farringdon St., London, E.C.4

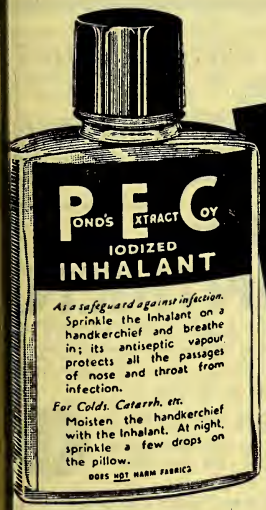
Winter epidemics

P.E.C.

Pond's new iodized inhalant is already in great demand

THE demand for P.E.C., Pond's new iodized inhalant, has increased steadily ever since it was introduced last autumn.

And now, with probable winter epidemics ahead, and the need for checking a cold or a touch of 'flu before it develops, you've got a market ready-made for P.E.C.!



RETAIL PRICE, 1/1½
Including Purchase Tax

In quantities of 3 doz. and upwards—7/9 per doz., plus 1/6 Purchase Tax.

In quantities of less than 3 doz.—9/- per doz., plus 1/6 Purchase Tax.

SPECIAL OFFER. For an opening order we will supply a parcel of 1 dozen at 7/9 plus 1/6 Purchase Tax, carriage paid, cash with order.

An attractive showcard is available on request, for counter display. Stock up now!

POND'S EXTRACT CO. LTD., PERIVALE, GREENFORD, MIDDX.

ADVERTISED NATIONALLY

VIRONITA advertising is appearing consistently in *The Daily Mail, The Daily Herald, The People* and *The Sunday Dispatch* commencing this August. In addition, advertisements are appearing in more than 100 daily and weekly provincial papers—making an aggregate total circulation of over 12,000,000.

Are you getting your share of the sales this national advertising is creating?

No Licence Required.

VIRONITA

VIRON-ITA (Regd.)

M. CALTHORPE & CO., 29 EAST PARADE, LEEDS 1

Living Profit Guaranteed 46 Years on the P.A.T.A.

Awarded Certificate of Merit at the Tasmanian Exhibition, 1891

KEARSLEY'S (150 Years' Reputation

WIDOW WELCH's Original FEMALE PILLS

10d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

N.B.—These Pills do not contain any deleterious or prohibitive drugs, and can be sold with safety

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COTT & BOWNE LTD.
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The
CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

OCTOBER 17 1942

CLASSIFIED SUPPLEMENT ADVERTISEMENTS

All classified advertisements must be prepaid—those not accompanied by remittance will be held over pending payment. Advertisements received after FIRST POST WEDNESDAY of week of issue will not be inserted until the following week.

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nd 16-oz. sizes for the public
nd 1-gallon and 5-gallon
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EXPERIENCED Granulator required for Medicinal Tablet and Pill Department of manufacturing chemists near London. Must be exempt from military service. Apply giving details of age, experience, and wage required to CDB/1145, London Office of this Paper.

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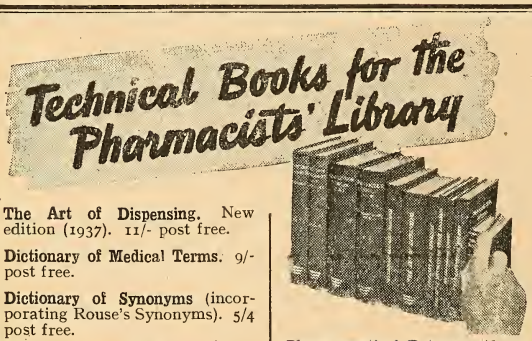

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THE CHEMIST AND DRUGGIST
17 ARGYLE STREET - - - BATH

Printed in Great Britain for the Proprietors by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published weekly by the Propriet Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2—*October* 17, 1942

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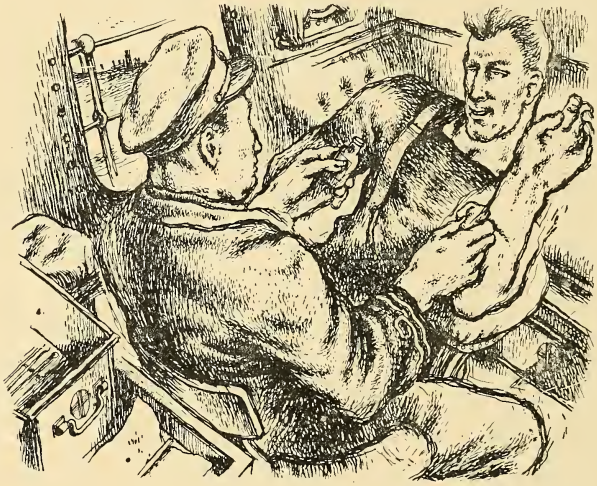

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